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Hill H. Tracy, Sr.
HARRIS' SEEDS

U.S. Department of Agriculture,
Washington, D. C.
1900



JOSEPH HARRIS CO.

Moreton Farm



Coldwater, N.Y.

ABOUT OURSELVES AND OUR BUSINESS.

There are some who get this Catalogue who do not know us. To these the following information may be of interest. The business of seed growing was founded by the late Joseph Harris over thirty years ago. The first complete Catalogue was issued in 1879, and one has been issued each year since that date. The business is now managed by his son, S. M. Harris, and is carried on at MORETON FARM, six miles west of Rochester, N. Y., near COLDWATER, a station on the main line of the New York Central R. R. Shipments by freight and express are made from Rochester as well as from Coldwater. The farm consists of 235 acres of highly improved land, containing miles of underdrains. It is devoted to the raising of Vegetable Seeds, Seed Potatoes and Farm Seeds. We also raise pure bred White Wyandotte Chickens and White Holland Turkeys.

Our P. O. Address is JOSEPH HARRIS CO., Moreton Farm, Coldwater, N. Y.

BELL TELEPHONE—ROCHESTER, 1196-R-12.

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HARRIS' HIGH CLASS SEEDS

FOR 1909

Some gardeners think the only way to get really first class seeds is to raise them for themselves. This impression arises from the fact that many seedsmen get their seeds raised on contract at so much per pound and pay little attention to the quality of the crop from which the seed is saved.

After a gardener has sown such seed a few times and has had carrots that run to seed, cabbage that does not head, celery that is soft, tomatoes that are irregular and cracked, and all the other troubles that come from lack of care in raising seed, he naturally thinks there are no really good seeds to be had without raising them.

We sometimes have hard work to convince some old and successful gardener that we can furnish him just as good or better seeds than he can raise and at much less trouble and expense to him. But such is the case. We take the same pains with our seed crops as though we were raising them for our own use.

We find from experience that the seeds we raise are much better than those we are able to buy.

Our constantly increasing business among the most successful and particular market gardeners in the county would seem to indicate that they find our seeds more satisfactory than those they have been using before.

We raise a larger proportion of the seeds we sell than any other seedsmen in this country that we know of.

Long experience. It takes time to work up first class strains of the different varieties of vegetables. It can't be done in one or two years. We have been raising seeds for over 30 years and have therefore had time to "breed" up strains of cabbage, carrots, tomatoes, sweet and field corn, beets, etc., that are far better than any other seeds only sold.

Seeds it will pay you to do so, even if the seeds you are using are fairly satisfactory, but not the best.

When you sow seeds it is quite important to sow just enough. If you have a lot of work thinning the rows and, if you sow too little the crops will be reduced on account of the few plants.

In order to sow seed intelligently it is necessary to know how many of them will germinate. If only half (50%) of the seeds grow it would be necessary to sow twice as many as would be the case if all of them were good. That our customers may know just how many of the seeds they get of us will germinate we test all seeds before they are sold and **mark the percentage that germinate on the label.**

When you buy seeds of us (in larger quantities than packets) you will find marked on the package or label just how many seeds out of 100 will grow under favorable conditions.

We believe we are the only seedsmen in the country that do this. The government may compel other dealers to do it also, but so far it has not done so.

SEED CROPS OF 1908.

The past season has been, in the main, a very satisfactory one for us. We have had very warm weather which has been favorable for the growth of tomatoes and corn. We never raised finer crops of these than produced this season. While the hot weather and lack of moisture in September cut the potato crop short it was very favorable for the ripening and curing of other crops so that the seeds we have harvested are of exceptionally fine quality.

The hot weather was not good for **Peas** and many varieties produced very small yields, so that seed of these kinds will be scarce and high priced.

Potatoes. The hot weather was not favorable for this crop and the draught in August and September cut the crop down so that the yield was only about half a full one. Our own crops yielded fairly well and the quality is very fine. Absolutely no rot or other diseases appeared in any of our fields.

NEW VARIETIES.

We are constantly trying new varieties of vegetables, flowers, potatoes and grain, and when we find one better than what we already have we raise the seed and offer it to our customers as soon as possible. There are a good many varieties offered by other dealers that you do not find listed in this catalogue. The reason for this is that these kinds have not proved superior when grown in our trial grounds side by side with the varieties we have.

Among the new varieties of tomatoes, we have discovered that a variety called "Bonny Best" is superior to anything in the way of an early tomato we have ever seen. We therefore raised a crop of seed of this kind and offer it to our customers this season.

The same is true of a new sweet corn called "Pocahontas." This proved to be a very early corn, with large ears and exceptionally fine quality. It seems to be better than any other extra early corn we have seen. We have raised a fine crop of it this season. All gardeners should try it.

We have also added many other new kinds which will be found to have exceptional merits.

VEGETABLES FROM THE HOME GARDEN.

Many people say they can buy what vegetables they need cheaper than they can raise them. This may be true in some cases, but anyone who has once had fresh vegetables from the home garden will never be satisfied with the stale and wilted specimens obtainable in our markets. This is especially true of peas, beans and sweet corn. Really good peas are rarely obtained in market. The reason for this is that they are usually too old when picked and kept too long afterwards. They should be used within a few hours after they are picked and should not be allowed to become fully grown on the vines. If picked when in just the right stage of growth and eaten at once they are tender, sweet and delicious.

Where ample space is available for a garden a complete assortment of vegetables should be grown. We would suggest the following quantities for a family of four to six people, with the amount of seed required :

Asparagus. From 100 to 200 roots, set out 2 feet apart.

Beets. About 40 feet of row. 1 ounce of seed.

Beans. About 20 feet of row, Valentine Wax or Stringless Green Pod (early). 20 feet Crystal Wax or Hodson Wax (late), ½ pint each. 10 hills Scotia, 1 pkt. 200 feet of row, Burpee's Bush Lima, 1 qt.; or, if preferred, 20 hills Pole Limas, Leviathan or Seibert's, 1 pint.

Sweet Corn. About 50 hills each, Harris' Extra Early or Peep-o'-Day, Metropolitan, Hickox, Country Gentleman and Egyptian. If you want to prolong the season still more plant Hickox weeks later than the main crop. Half-pint of

Cucumbers. 10 hills Coy's Cyclone for

Celery. 100 or 200 plants each of Golden Self-Blanching and French's Success. Better buy the plants than try to raise them.

Cabbage. If early cabbage is desired plants must be started in frames in February or March, but for late crop the seed is sown in May. We recommend Eureka or Eukhuizen Glory for early and Perfection Drumhead Savoy for late fall and winter use. 1 pkt. each.

Cauliflower. 50 plants Snowball. 1 pkt. seed, or buy the plants.

Brussels Sprouts. 50 plants. 1 pkt. seed.

Swiss Chard, for greens. 20 feet of row, 1 pkt. seed.

Carrots. If used as a vegetable, 25 feet of row, if merely for flavoring, 10 feet of row, 1 pkt. seed. Harris' Half Long.

Egg Plant. 25 plants, 1 pkt. seed, Black Beauty.

Lettuce. Plants for early crop should be started in frames. May King, Holyrood Hot-Weather, Deacon, Iceberg and Salamander are best heading varieties. 2 pkt. seed.

Musk Melons. Those who have good soil and a sunny situation can raise fine Musk Melons. For early, Emerald Gem is excellent. For later, Lewis' Perfection Irondequoit and Miller's Cream are fine. 10 hills of early and 20 hills of late will be enough. 1 pkt. early and 2 pkt. late.

Watermelons. We do not advise amateur gardeners to raise watermelons in the Northern States unless they have light soil and plenty of room. Fordhook Early and Hungarian Honey are good for the North and Halbert Honey or Kleckley Sweets for further South.

Onions. Green Onions for early spring are raised by planting small sets. Set out a quart of white sets about 3 ins. apart in the row. If dry onions are required for winter use sow seed early in the spring. Prizetaker is

Okra. 20 feet of row, ½ oz. seed.

Potatoes. For early, 300 to 500 feet
Cobbler or Early Rose
Gold Coin or

Peas. If an

Early or Boston's Excelsior. 1 qt. Telephone. 1 qt. Heroine. 1 qt. New Queen. Sow 2 or 3 weeks later, 1 qt. Horsford's Market Garden. These varieties will mature in the order named and will give a constant supply of green peas as long as they last.

Parsnips. 25 feet of row, 1 oz. of seed.

Peppers. 10 plants each, Neapolitan and Chinese Giant. 1 pkt. each.

Parsley. 10 feet of row, Dwarf Perfection, 1 pkt.

Radish. For forcing in frames the round extra early varieties are best and many prefer them for open ground also. It is well to sow some radish seed in September for fall use.

Rhubarb. 1 dozen roots set 3 feet apart.

Spinach. 100 feet of row will produce a good lot of Spinach if it is on rich ground and the plants thinned out to 4 or 5 ins. apart. 2 oz. Victoria for spring sowing and Norfolk Savoy Leaf for fall. Sown September 1st spinach will last over winter with slight protection and be available for use as soon as the snow goes off in the spring.

Squash. For summer use 8 or 10 hills Early Bush Crookneck and Mammoth White Bush Scallop. For fall and winter, Boston Marrow and Delicious are excellent. 1 pkt. seed of each variety

Salsify. 50 feet of row, 1 oz. seed.

Tomatoes. 25 plants of an early variety, Earliana, Bonny Best or Chalk's Jewel, and 50 plants of a late kind, such as Stone, Success or Potomac.

Turnips. Red Top White Globe and Golden Ball are excellent kinds. Sow in August. 1 pkt. seed of each kind. For winter use sow Breadstone in July.

Herbs for Flavoring. Every garden should have Sage, Thyme, Summer Savory and Sweet Marjoram.

DIRECTIONS FOR CULTIVATION.

We have issued a little pamphlet giving directions for the cultivation of vegetables and flowers raised from seed as well as other information of interest to amateur gardeners. We will send the pamphlet free with all orders amounting to 25 cents or more, if requested. Or it will be sent on receipt of 10 cents which may be deducted from the first order.

Discounts and Premiums.

35c Worth of Seeds Free. Send us \$1.00 for Seeds in PACKETS and OUNCES and we will send you 35c. worth of seeds in packets of your own selection FREE.

This offer applies to both Vegetable and Flower seeds. It is equivalent to a discount of 25 per cent. or one-quarter the amount of the order.

If any order for seeds in packets and ounces amounts to more than \$1.35, one-fourth the amount may be deducted, or extra seeds costing at catalogue prices one-fourth the amount of the order, may be selected free of charge.

Please Notice, that this offer applies only to seeds ordered in packets and ounces and does not apply to seeds in bulk by the pound, ¼ lb., ½ pint, pint, quart, peck or bushel, and to seeds by the ounce when the price is 35c or more per ounce.

This discount and premium applies only to orders accompanied by a remittance to cover the full amount.

Club Orders. If any one will get two or three (or more) other people to join with him in ordering seeds, and if the order amounts to \$2.50, not including the seeds ordered by the sender of the club, we will give the sender of the order 50c. worth of seeds or plants of his or her selection, free.

If the order amounts to \$5.00, not including the sender's order, we will give \$1.00 worth free. If it amounts to \$7.50, \$1.50 worth free. If it amounts to \$10.00, \$2.00 worth free. If it amounts to \$15.00, \$3.00 worth free.

Please note that the club must consist of at least three people, not members of the same family or household.

This is for general garden seed orders, either vegetable or flowers, but does not apply to orders including any large quantities of one kind of seed or to orders for farm or field seeds, or potatoes in larger quantities than bushels.

The seeds will be mailed direct to the different members of the club if so desired, or will be sent in one package to any address given, with the seeds for each member done up separately and marked with the name of the person to whom they belong. In all cases the names and addresses of each member of the club must be given on the order.

By a little work, at any spare time, you can easily get \$2.00 or \$3.00 worth of seeds or plants free.

What We Guarantee.

We guarantee all the seeds we send out to be fresh and of good vitality, so that they will grow if given proper conditions; and also that they are pure and true to name, in so far as should any fail to grow under favorable conditions, or prove untrue to name, or of inferior quality, we will replace them without charge, or refund the money paid for them. But it must be distinctly understood that we do not hold ourselves responsible for any loss beyond the amount paid for the seeds.

About Shipping by Express and Freight.

Seeds Sent by Express or Mail, Prepaid

When seeds are ordered at the prices quoted in this catalogue, unless the prices are preceded by the words "By Express," we will send the seeds by mail or by express, prepaid, so that they will be delivered to the purchaser without any additional cost. This does not include potatoes or farm and field seeds.

Large Quantities by Express or Freight. We give prices for heavy seeds, like beans, corn and peas, "by express" as well as by mail; when ordered at the "express" prices the seeds are sent by express or freight at the expense of the purchaser. It costs 8c. or 9c. per lb. to send seeds by mail. It often costs very much less by express when the distance is not more than a few hundred miles and the weight of the seeds 5 lbs. or more. When seeds are ordered at "express prices" we cannot send them by mail. If the seeds do not weigh over 4 lbs. it is usually cheaper to order at "mail prices" and have them sent by mail. Seeds not quoted "by express" will be sent by express or freight at the purchaser's expense for 10c. per pound less than prices given.

Express Rates on Seeds.

We can ship seeds by express at the following special low rates, which are much lower than the regular express rates. To places having either the Adams, American, National, United States, or Wells-Fargo Express, not over 500 miles from Rochester, a package of seeds weighing not over 15 pounds can be sent for 35c., and each additional pound will cost not over 2c. The rates are regulated by the distance to be sent, but except for short distances no packages of 4 pounds or more will be carried for less than 35c., but much heavier packages will usually cost no more.

The following table gives the express rates to the larger cities. For places near them, having any of the before mentioned express companies' offices, the rates are usually the same:

To Buffalo.....	70 lbs. or less, 35c., each additional lb.	¾c
To New York.....	35 " " 35c., " "	1c
To Cincinnati.....	23 " " 35c., " "	1 ½c
To Pittsburg.....	28 " " 35c., " "	1 ¼c
To Chicago.....	23 " " 35c., " "	1 ¼c
To St. Louis.....	14 " " 35c., " "	2c
To Cairo, Ill.....	14 " " 35c., " "	2 ½c
To Kansas City.....	11 " " 35c., " "	3c

To Minneapolis.....	11 lbs. or less, 35c., each additional lb.	¾c
To Boston.....	23 " " 35c., " "	1 ¼c
To Augusta, Me.....	17 " " 35c., " "	1 ½c
To Philadelphia.....	23 " " 35c., " "	1 ¼c
To Washington.....	23 " " 35c., " "	1 ¼c

Please note that these rates apply only to places having either the Adams, American, National, United States or Wells-Fargo express offices. To the offices of other companies the rates are higher.

Shipping by Freight. Heavy lots of seeds, potatoes, etc., usually go much cheaper by freight than by express, especially for long distances. It costs just as much to send 10 pounds by freight as 100 pounds, and often as much to send 100 pounds as 200 or 300 pounds. For any considerable distance the charges on any package, however small, would be 35c. or 40c. For instance, the rate from here to New York on potatoes is 18c. per 100 pounds, so that 200 pounds would go for 36c., while any smaller package, say 20 pounds would cost 35c. It takes much longer to get things through when shipped by freight than by express, so that if there is any reason for avoiding delay, and the package is not too heavy, it is best to have seeds sent by express.

We can ship by the following Railroads from Rochester:

New York Central	Lehigh Valley
West Shore	Erie
Rome, Watertown & Ogdensburg	Buffalo, Rochester & Pittsburg
	Pennsylvania

Freight Rates on potatoes and heavy seeds are as follows per 100 pounds:

To New York.....	18c	To Richmond, Va.....	23c
To Chicago, most points in Ind. and lower Michigan.....	25c	To Boston.....	20 ½c
To Cincinnati.....	21c	To Buffalo.....	10c
To Pittsburg.....	16c	To Albany.....	15 ½c
To Louisville, Ky.....	25c	To Philadelphia.....	18c
To Washington, D. C.....	23c	To Baltimore.....	18c
		To places on Long Island.....	25c

To other points within 50 miles of these places the rates are usually the same, unless the distance is farther than to the point named.

Please state on your order whether we are to ship by freight or express. If left to our judgement, please state at what date you will need the seeds.

New and Improved Varieties and Special Strains of GARDEN VEGETABLES.



POCAHONTAS SWEET CORN.

Pocahontas Sweet Corn. A New, large, extra early

White Corn. We first raised the "Pocahontas" corn in our trial grounds two years ago and were so much impressed with its value that we procured some seed at considerable expense and raised a crop of it the past season.

The Pocahontas is the largest and finest flavored extra early sweet corn we have ever raised or seen.

Planted side by side with both Red and White Cob Cory it produced ears much larger and fully as early. The only corn that is earlier is Peep o' Day which, however, has ears hardly half the size of Pocahontas and is not over two or three days earlier.

We thought we had raised good early sweet corn before but our crop of Pocahontas went ahead of anything we have ever seen before. The stalks grow only about 5 ft. high and nearly all of them produce two great big ears 8 to 9 in. long with 10 rows of very large pure white kernels which are deliciously sweet and tender.

Market gardeners who want to get the largest and finest sweet corn into market ahead of other growers will find the Pocahontas a very valuable kind. It is not only extra early but it has a large handsome ear well filled out and of the best quality, which can be said of very few early varieties.

Our seed is all of our own growing and is carefully selected, all "sports" and poor ears being rejected.

Price, postpaid. Pkt. 10c; ½ pint 15c; pint 25c; qt. 50c. By express. Pint 20c; qt. 40c; peck \$1.75.

A NEW EARLY CUCUMBER.

"The Mimms." One of our enterprising market gardener neighbors, Mr. J. W. Mimms, has been raising for a number of years some of the best open ground cucumbers that come into the Rochester market. So fine are these cucumbers and so early that they are often mistaken for hothouse grown. The fruit is very long, slender and straight and of a very deep green. The vines are vigorous, healthy and prolific and the fruit forms very early and grows rapidly so that they can be used or marketed as early as the smaller fruited kinds.

This variety has been produced by careful "breeding" for a good many years and the seed has never before been offered for sale. We have obtained a small quantity and advise our customers who are interested in cucumbers to try this variety, on a small scale at least, this season. We think they will find it superior to any other strain of early cucumbers. We have such a limited quantity of seed that we cannot offer it in large quantities this season. Pkt. 10c; oz. 35c.

NEW "BONNY BEST" TOMATO.

(See photograph on back of this Catalogue.)

This is a Tomato that we have been long looking for. It is very early and yet the fruit is as large, smooth, solid and well colored as the best late varieties. The objection to extra early kinds hitherto has been that the fruit is not as large or well colored as the later varieties and therefore does not sell as well after the better fruit comes into market. With the "Bonny Best" however you can complete with any tomatoes grown at all seasons.

The Bonny Best may not be quite as early as the Earliana of the best strain but it will ripen some fruit fully as early and the bulk of the crop but very little later. It has much more healthy and vigorous vines than Earliana and is wonderfully prolific. On good soil the ground is literally covered with beautiful, large, smooth tomatoes of the most brilliant red, colored evenly all over. No green around the stem as in the case with all other extra early tomatoes of good size. The great advantage of this new tomato is that the fruit is

so large and handsome and of such fine quality it will bring the top price all through the season. With any other early kind after the late varieties come into market you have to sell at lower prices on account of the inferior size and color of the fruit.

There is no handsomer looking tomato than Bonny Best, early or late.

The fruit averages very large—almost as large as the best strains of Stone, and the color is like Stone, a deep brilliant red. The vines are healthy and vigorous and free from blight and the fruit does not rot. We had 5,000 plants growing on our farm and do not think there was a single fruit affected with black rot in the whole lot. The seed we offer is all of our own growing and will be found of the very highest quality. Price. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.75, postpaid.

"THOROUGHbred" Strains of Tomatoes

We take much pride in our strains of the following varieties of Tomatoes which we have greatly improved by the most careful selection or "breeding". The seed is all grown on our own farm and will be found far superior to the seed usually sold.

Spark's Earliana.

Most people by this time know the Earliana Tomato, but there is a great difference in the strains of this variety which are being sold. We have taken the greatest pains with our seed of this excellent early tomato and we are now able to offer some that we are quite sure is much superior to that usually sold. If you have not raised this variety from our seed you probably do not know how really fine a tomato it is when properly grown.

We have succeeded in producing a strain that has perfectly smooth fruit that is well colored and does not crack. All other strains that we have seen produce more or less irregular fruit that is green around the stem and cracks badly.

Seed of Harris' Selected Strain. Packet 10c; oz. 25c; ¼ lb. 85c; pound \$3.25, postpaid.

Mrs. E. E. Phillips, Newfane, Vt., writes, Sept. 23, '08 :

"Among the seeds we got of you last spring was a packet of Earliana Tomatoes, out of which we have raised an abundance of beautiful tomatoes, and one stem alone, which measured only 10 ½ in. has 17 tomatoes on it. They are piled and grown so compact together that the stem is nearly hidden from view. Every one is perfect and all are ripe except two. It is one of the most wonderful sights I ever saw in tomato culture."

Mr. John Milton, Annapolis, Md., writes :

"The Earliana Tomato seed I bought of you last spring grew the largest crop I have ever seen. I set out 2,500 plants and picked 1,200 ½ bu. baskets."

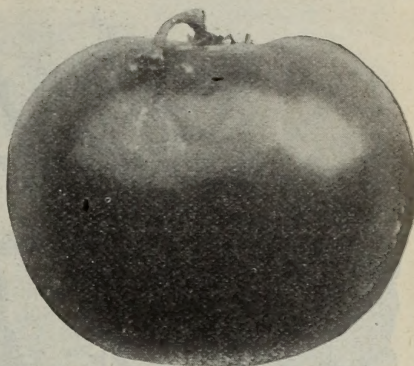
Mr. I. M. Smith, Hillsboro, N. H., writes :

"I have planted your seed for three years and have had great success, especially with your Earliana Tomato. I had two dozen plants and sold \$7.00 worth of ripe and green fruit from them beside what I used in my family. Can that be beat?"

Chalk's Early Jewel.

Our strain of this excellent variety is far better than when the variety was first introduced and we know it is away ahead of what is usually sold as Chalk's Jewel.

While a few days later than Earliana, the fruit colors better around the stem, there being no green tinge as on the Earliana and most other early kinds. The fruit is as smooth as an apple, ripens early and colors evenly a deep red. Vines are healthy and very productive.



CHALK'S EARLY JEWEL TOMATO.

Seed of our own growing, a very choice selected strain. Pkt. 10c; oz. 25c; ¼ lb. 85c; pound \$3.15.

Success.

Like Stone but earlier. Our strain of this excellent main crop variety is "guilt edged". We have improved the variety very much and now have seed that will produce perfectly smooth, regular fruit of even color all over and without cracks. The demand for our strain of this tomato is increasing every year. Selected seed of our own growing. Pkt. 10c; oz. 25c; ¼ lb. 80c; lb. \$3.00.

Stone.

You may have raised so-called Stone Tomatoes but unless you have had our selected strain, or one as good, you do not know what grand fruit this variety can produce. The seed we offer is of our own growing and is from as fine a lot of tomatoes as we ever saw. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.60.

Holyrood Hot-Weather Lettuce.

We have tested this new head Lettuce for two years and have been much pleased with it. The heads are very large, compact and of the very finest quality and they stand longer without running to seed than any kind we know of. It is especially valuable for summer use as it stands hot and dry weather remarkably well. The heads are deeper green than Salamander and somewhat resemble the Deacon Lettuce which they also resemble in quality, having the rich buttery flavor so much prized in that variety.

Gardeners who want to raise the finest head lettuce in the open ground should give this new kind a trial. We have some carefully grown seed of our own raising. Pkt. 10c; oz. 25c; ¼ lb. 65c.

Improved Keene Lettuce.

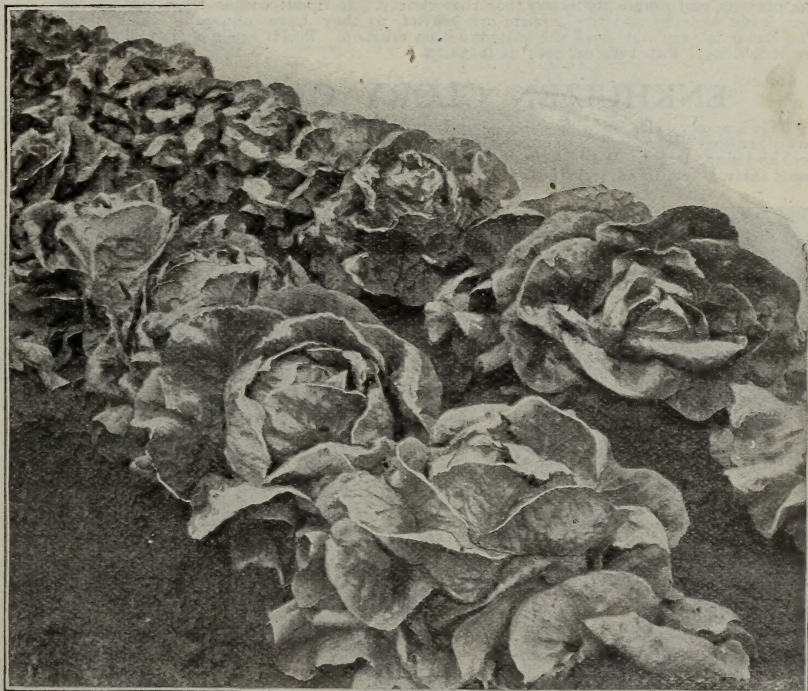
A grand variety for forcing.

This Lettuce has been used for a number of years among the gardeners around Rochester and has proved so superior for forcing in green houses that practically no other kind of head lettuce is now used. It grows very fast and soon forms a good head so that the crop can be raised in less time than required for others heading varieties. This lettuce stands heat well and does not "burn" and is not subject to disease.

The heads are quite compact when well grown and are of a light green, very attractive in appearance and of fine quality.

Some of the largest and most successful lettuce growers in the country say there is nothing quite equal to the Improved Keene lettuce for forcing.

We have raised a good crop of this lettuce seed on our own farm the past season and can furnish seed that is true to name and of the highest quality. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00, postpaid.



HOLYROOD HOT-WEATHER LETTUCE.



NEW "LONG SEASON" SPINACH.

This new Spinach stands longer without running to seed than any other kind. The leaves are **very thick** and **dark green**—much deeper in color than other kinds. The plant resembles the Savoy Leaf in appearance but is darker green and stands much longer.

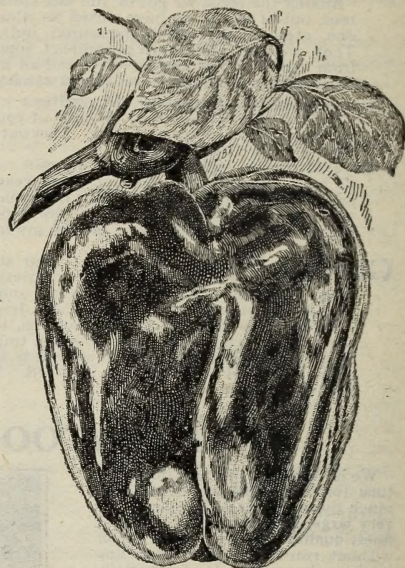
This is a very fine new variety and we highly recommend it for both market and the home garden. Those who have had spinach run up to seed just as it got large enough to use will appreciate this new kind which will stand much longer than any of the older varieties and give nice fresh greens long after other kinds have become useless.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 35c, postpaid. For price in larger lots see our Wholesale Price List.

NEW "GIANT CAYENNE" PEPPER.

Those who are familiar with the small hot Cayenne pepper will be surprised to see this new variety which has peppers three or four times as large as the old kind. They are as large around as a half dollar and 3 to 4 inches long. They have the same sharp, hot flavor which makes the Cayenne pepper so valuable for pickles and flavoring.

This new variety is the best hot pepper we have ever seen and we are sure gardeners will find it very profitable. The plants are vigorous and produces a great many peppers. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.



NEW "GIANT CRIMSON" PEPPER.

NEW "GIANT CRIMSON" PEPPER.

A new large sweet pepper with fruit as large as Chinese Giant and ripens **earlier** and the plant is **much more productive** than that variety. It ripens earlier than any of the very large varieties and the peppers are heavier, as they have unusually thick flesh. The flavor is very mild and the color is a deep crimson. This is a pepper that all gardeners should try. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

ENKHUIZEN GLORY CABBAGE.

This is a very quick growing cabbage and produces **large, solid, round heads**, **earlier** than any other kind we know of. In our trials, the past season, it was as early as Charleston Wakefield and **much larger**. We had heads the past season that weighed 10 lb. each, trimmed ready for market. They are larger and of better shape than any other early cabbage

we have ever seen. All gardeners who have raised the "Glory" are enthusiastic in its praise.

Mr. Lee W. Survey, Watertown, N. Y., writes, July 24, '08:

"Your Enkhuizen Glory cabbage is great. I have not only had the first cabbage on the market this year (July 7th) but by far the largest and finest. Other gardeners were selling Wakefield and Early Spring that would weigh 1 to 1½ pounds, my Glory cabbage run from three to six pounds. I cut one to-day that weighed seven pounds. At 3c. per pound they are profitable."

This is not only a valuable early kind, but it grows so large that it can be profitably raised for main crop for fall use. It grows so fast that the plants can be set out late in July after early potatoes or other spring crops.

This cabbage somewhat resembles the Volga, but is not quite as large, and is earlier than that excellent variety. The heads are nearly as round as a ball, very firm and heavy, and have few outside leaves. It heads remarkably even, practically every plant forming a perfect head at the same time if the land is of uniform quality. The heads stand well without cracking, being much superior to Succession and some other medium early kinds in this respect.

Taking it altogether, the "Enkhuizen Glory" is undoubtedly one of the very best kinds for both early and late planting. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.60.



ENKHUIZEN GLORY CABBAGE.

Our Improved Strains of Danish Ball Head Cabbage,

Also Called "HOLLANDER."

We have long wanted an improved strain of Danish or "Hollander" cabbage. The fault has been that this cabbage grows on too long stems and has too many outside leaves.

We are therefore much pleased to offer this season a very fine strain of this variety that overcomes these faults almost entirely. The seed has been raised with the greatest care, selecting plants with stems of medium length and with large solid heads with few outside leaves.

The crops raised from this seed are very even, the heads being of the best round form, very deep green and heavy. The plant is of medium height with but few outside leaves and is quite free from blight.

Those who want the very finest strain of Danish Cabbage should try this seed.

DANISH BALL HEAD, Improved Strain. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.35, postpaid.

Danish Ball Head. "Solid Emperor" Strain. This is the strain we have been selling for 10 years or more and it has given much satisfaction to our customers. Those who have used our seed know what this strain is. We do not think there is any better Danish Cabbage except the "Improved" strain we are offering this year. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 50c; lb. \$1.75, postpaid. For larger lots see our Wholesale Price List.

Danish Ball Head, Short Stemmed. (also called Danish Round Head.) This is an earlier strain than the above and has even shorter stems. The heads are fully as large or even larger and mature about two weeks earlier. The color is not quite as deep green as the later strain and possibly the heads do not keep quite as well. This strain is especially valuable for high and dry land and for shipping in the fall or early winter. It heads very evenly and produces very large yields. If the cabbage is to be shipped in the fall or first half of the winter this will be found the most profitable strain of Danish Cabbage to raise as it produces larger yields than the later strain. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25, postpaid.

"The Best Danish." Mr. A. W. McKinstry, Chicopee, Mass., writes:

"The Danish Cabbage seed I got of you grew a large crop. The dealer to whom I sold it said it was the best Danish that he ever saw."



DANISH BALL HEAD.
Short Stemmed.

Dwarf Perfection PARSLEY.

This is without doubt the finest parsley grown. The plant is of semi-dwarf habit, very compact, and of a beautiful bright green, while the leaves are very finely cut and curled and are extremely ornamental. The quality and flavor of the leaves is also very fine. Every market gardener should have some of this parsley. Its handsome appearance will sell it quickly and it is a profitable crop. No private gardener should be without it. It is an ornament to the garden and most useful for flavoring and garnishing. Seed of our own growing from the finest curled leaved plants.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.



DWARF PERFECTION PARSLEY. (Photograph.)



FRENCH'S SUCCESS CELERY. (From a Photograph.)

French's Success Celery

The best long-keeping variety. Will keep in perfect condition until spring. This new celery originated with a neighbor of ours, Mr. French, who is an old and experienced celery grower. After years of work in crossing different varieties and selecting the best types he produced this celery which we have called "French's Success". It has been sold now for four years and has proved to be one of the **very best** green varieties for **winter keeping**, if not the best. We know of nothing as good.

The stalks are **pure white, thick, solid** and **very brittle**, without any stringiness. They grow to a medium height and can be easily earthed up. The heart is large and is formed early. The leaves are dark green and are not subject to rust or blight.

It will keep **perfectly sound** until warm weather comes in the spring, and can be marketed when prices are the highest. Its compact growth, handsome thick, white stalks, and **extra fine quality** make it command the highest prices in market, and commend it to those who raise celery for their own use.

A great deal of loss is often caused by celery growing hollow or soft. We have seen fields where half the celery had to be thrown away on this account. This new celery **never grows hollow or soft**. Gardeners who want the best winter keeping celery should plant French's Success. They will find it the best. The seed costs a little more than for common kinds, but compared with the increased value of the crop, the extra cost is nothing. The seed we offer is of our own growing and is of the highest quality.

Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.10; lb. \$4.00.

Our Gilt Edged Strain of

Golden Self-Blanching or Paris Golden Celery.

There is no seed about which gardeners are more particular than this variety of celery. If the seed is not very carefully grown the crop is often a total failure on account of soft or hollow stalks and green plants. There is a great deal of cheap seed being offered both in France and California and we know some seedsmen buy it.

The seed we have sold for a good many years is grown for us in France and costs us much more, (two or three times as much in fact,) than we could buy it elsewhere, but this seed has always produced the very finest celery and has proved far superior to other strains which we have tried.

This celery is so firm and free from disease that we kept a lot of it in perfect condition last spring up to the middle of March. It is not often that celery of this variety will keep so long.

We do not think there was one soft stalk in a thousand among all the celery grown from this seed the past season.

It is as fine a strain of **Golden Self-Blanching** as is possible to obtain at any price and far superior to much of the seed sold.

Proved Seed. We can furnish a limited quantity of seed of the crop of 1907 which has proved to be first-class in every way. The man who sows this seed can depend on it. It is of good strong germination. Price: Ounce 35c;

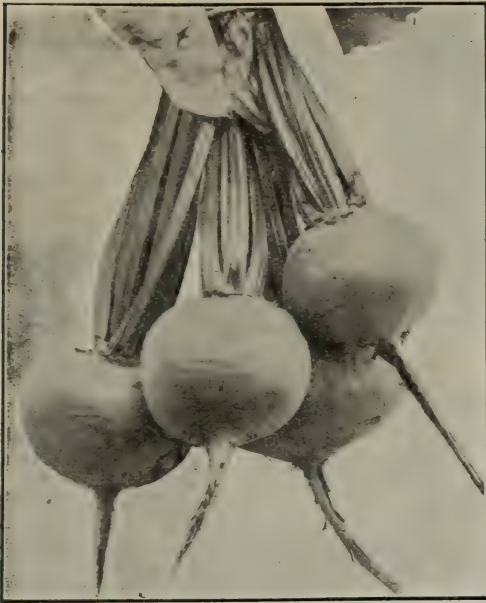
$\frac{1}{4}$ lb. \$1.00 lb. \$3.85, postpaid.

New Seed. The new seed we offer is undoubtedly just as good, or possibly better than the older seed, but of course we have had no chance to prove it. Price: Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.50.

VEGETABLE PLANTS. Having greatly enlarged our facilities for raising Tomato, Pepper, Cabbage and other plants we are prepared to furnish them in large lots at much reduced prices.

A price list of plants will be found at the back of this catalogue.

We shall be glad to take contracts for raising plants of special varieties in considerable quantities and will quote prices by letter if you will let us know the kinds and quantities required.



CROSBY'S IMPROVED EGYPTIAN BEET
(Photograph)

Crosby's Improved Egyptian Beet.

Harris' Selected Strain.

There is no earlier or better table beet than a first-class strain of Crosby's Egyptian. We have been raising this strain of seed for a number of years, and by taking great pains in selecting the roots used for seed production we have obtained seed that will satisfy the most critical gardener. The beets are nearly **globe-shaped**, as shown in the photograph reproduced here, and are very smooth, with **small tops** and small tap root, and they are **dark red all through**. When selecting beets for raising seed a small piece is cut from each beet, and if the color is not dark red the beet is rejected, and of course a great many beets are rejected for other causes, such as too large tops, poor shape, etc. To raise seed in this careful manner costs a good deal, but we think any gardener can well afford to pay a little more for it than for seed raised in the usual way.

We are sure our strain will be found equal, and in most cases **far superior** to any seed obtainable, no matter what the price.

There are some varieties claimed to be earlier than the Egyptian, but after trying them all we have failed to find one a day earlier than our strain of this variety, and most of them are later or inferior in shape and quality.

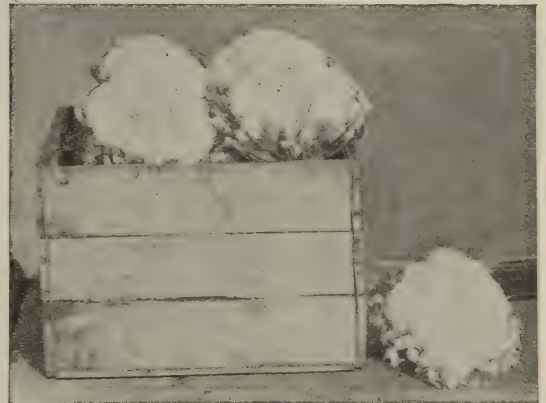
We offer seed of our own growing from the most carefully selected roots. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c, postpaid.

The Best Cauliflower Seed at Reduced Prices.

For a number of years we have sold Snowball Cauliflower seed of the **very highest quality** at a much lower price than charged by most seedmen. There is no good reason why the best and most carefully grown cauliflower seed cannot be sold at the prices we have been charging for it. Some gardeners, however, seem to think that if they pay \$3.00 or \$4.00 per ounce for cauliflower seed that they are getting something better than we are selling for \$1.75 or \$2.00 per oz. But this is not the case. There is no better seed sold and none that the growers get more for than the strains we sell. If you pay more for seed you are waisting money.

We have this season some unusually fine seed of the varieties described below which will be found of the very best quality in every respect.

Early Snowball Cauliflower. The most popular cauliflower grown and one of the best varieties for both early and main crop. The strain we offer produces large, solid heads that are snow white and without protruding leaves to mar their appearance. When well grown practically every plant produces a good head and the heads form very early. To get the best results the leaves should be tied together over the head as soon as it forms to protect it from the sun. Price. Pkt. (200 seeds) 10c; $\frac{1}{4}$ oz. 50c; ounce \$1.80; $\frac{1}{4}$ lb. \$6.50; lb. \$25.00.



SNOWBALL CAULIFLOWER. (From a Photograph.)

Danish Giant Snowball or "Dry-Weather" Cauliflower.

This is a new strain of Snowball cauliflower that we are sure gardeners will find very superior for main crop for fall market. We have never seen finer cauliflower than we raised from seed of this variety. The plants are of more vigorous growth than the Early Snowball and have more leaves which protect the heads both from the sun and frost. The heads are **very large, heavy and compact** and perfectly snow white with no protruding leaves. This variety being of a stronger and more vigorous habit than the early Snowball it withstands dry weather better.

The Danish Giant requires about 10 days longer to mature than the Early Snowball and consequently the plants should be set out earlier, if it is desired to have them head at the same time.

On account of the superior size and quality of the heads and vigor of the plant, we highly recommend this strain for main crop.

Price: Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00; $\frac{1}{4}$ lb. \$7.50.

"HERCULES" BRUSSELS SPROUTS. A New Variety of Great Merit.

We have made extensive trials of the different varieties of Brussels Sprouts during the last few years and have found this new strain called "**Hercules**" to be the best.

The plants are semi-dwarf and produce **large and very solid** sprouts close together on the stem. There are very few sports or loose and soft sprouts.

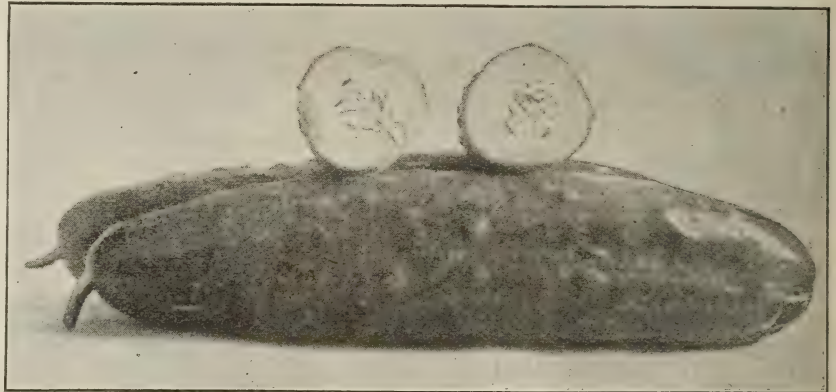
Gardeners who have had trouble in raising good Brussels Sprouts should try this new kind. We are sure they will be **pleased** with it. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c.



DAVIS' PERFECT CUCUMBER.

Satisfaction Cucumber.

This is a very fine variety for slicing and for market. The cucumbers grow ten inches to a foot long and are straight, deep green and very solid with small seed cavity. The quality is very fine. The cucumbers are very uniform in shape and bring the highest prices in market. The vines are vigorous and productive. We have taken great pains with this variety and the seed we offer is of our own growing and of a very finely bred strain. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.



SATISFACTION CUCUMBER. (From a Photograph.)

Irondequoit Musk Melon.

This melon has been grown for a number of years by market gardeners near Rochester and has proved so superior in every way that at present there is practically no other variety grown for this market.

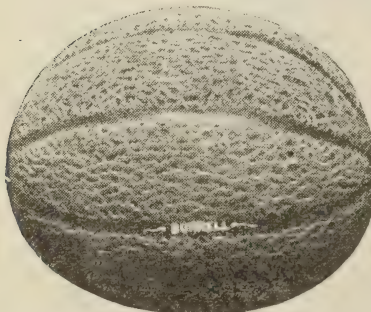
The melons are nearly perfectly round, ribbed and covered with netting, as shown in the photograph reproduced here. The flesh is orange colored, thick, sweet and of fine flavor. The melons grow quite large and are of handsome appearance. It is the finest strain of melon of the "Surprise" type we have ever seen. "Tip-Top" is another strain of this type but the Irondequoit is not only larger but it is netted better and is of finer quality and superior in every way.

One great advantage of this variety is that the melons will stand shipping well. They are quite firm and stand up well.

They are not quite as firm and hard as the Rocky Ford Melon, but are better in this respect than almost any other large variety. They ripen medium early, and the vines are healthy and prolific.

We have a very fine strain of this seed of our own growing. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.10, postpaid.

Burrell's Thoroughbred Rocky Ford Musk Melon.

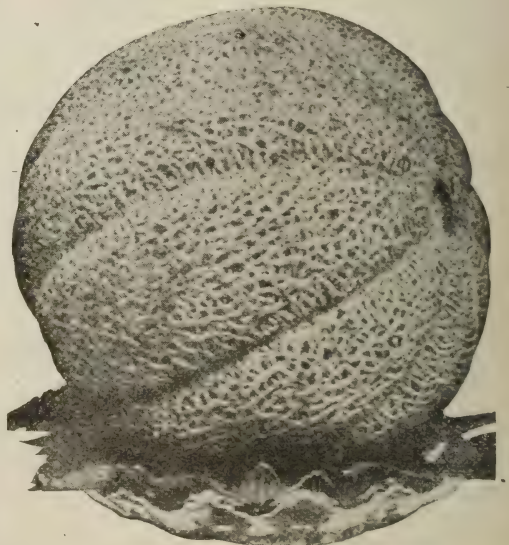


BURRELL'S THOROUGHbred ROCKY FORD MUSK MELON.

We are glad to be able to offer this season a very superior strain of Rocky Ford Musk Melon. This seed was saved from a "thoroughbred" strain grown at Rocky Ford, Colo., where the finest melons in this country are produced. An ideal Rocky Ford Melon is one that produces fruit of even size and shape, closely netted and with thick, sugary flesh of fine flavor and a shell that is hard enough to stand shipping. By selecting for seed melons of the ideal type for a number of years this thoroughbred strain was produced.

It can be depended on to raise an even crop of the very highest class melons of this popular variety. Such seed, of course, costs very much more to raise than seed saved from the whole crop, or as sometimes is done, from the melons too poor to sell, but we are sure no one who knows anything about raising melons will hesitate a minute about paying the extra cost for this selected seed if he thinks he can get something better than is usually sold.

Price of "Thoroughbred" seed. Pkt. 10c; oz. 18c; $\frac{1}{4}$ lb. 35c; lb. \$1.10.
Rocky Ford Melon, first-class seed. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 85c.



IRONDEQUOIT MUSK MELON.

Davis' Perfect Cucumber.

This new strain of White Spine Cucumber has been selected with great care, and the result is that it produces cucumbers of great uniformity, all being nearly exactly alike in shape, color and size. They are very handsome cucumbers, deep green in color, perfectly straight and about 8 to 10 inches long. The vines are very prolific and healthy.

It is one of the very best varieties for forcing as well as for open ground. It is excellent for pickles as it produces a great abundance of nice, straight cucumbers of good color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.10, postpaid.

"HOODOO" MUSK MELON.

This new Melon has stirred up a lot of interest among melon growers. It is a melon of the "Rocky Ford" or Netted Gem type, but has orange colored flesh and is much sweeter than the old green fleshed kind. The melons are oval and of about the same size as Netted Gem. They are well netted and the flesh is firm so that it is a melon that can be shipped long distances and will stand a long time after picking. It is just the size and shape to pack nicely in baskets or crates.

If a medium size yellow flesh melon is wanted for shipping or for home use this will be found a good one. The flavor is very fine and the vines are prolific and healthy.

Pkt. 10c; oz. 18c; $\frac{1}{4}$ lb. 40c; lb. \$1.50, postpaid.

Harris' Extra Early Sweet Corn.

This is one of the very earliest varieties of Sweet Corn but unlike most very early kinds it is also of fine quality; the kernels being of medium size, very sweet and tender. The ears grow large for so early a variety, often measuring 7 to 8 inches long, having 10 to 12 rows of snow white kernels. The stalks grow 5 feet tall and usually bear two ears.

With us this Corn is earlier than Cory and is larger and of much better quality. Gardeners will find this a most excellent first early kind for either market or home use. Our seed is of our own growing from very carefully selected ears.

Price, postpaid. Pkt. 6c; $\frac{1}{2}$ pt. 12c; pt. 20c; qt. 35c. By express, pt. 15c; qt. 25c; peck \$1.20.

Mr. J. Russell Bourne, Sheffield, Mass., writes, August 1, 1908:

"I had quite marvelous success with your Extra Early Corn, getting six and eight ears to a hill, one week earlier than others in this vicinity, and the corn was more like Evergreen than an early corn."

Mr. David W. Crouch, Jefferson Co., Pa., writes:

"Your Harris' Extra Early corn excels everything raised in this country for yield and quality."

Danish Yellow Giant Mangel.

This new mangel from Denmark has proved in our trials of many varieties to be the largest yielder of all.

Danish Yellow Giant yielded at the rate of 1314 bushels per acre.

Giant Yellow Intermediate, the next largest yield, 1012 bushels per acre. The roots grow to a very large size, of a deep yellow color, and are smooth and handsome, having small tops and very few side roots. They grow over two-thirds above ground so that they can be harvested with very little trouble.

Although these mangels are not quite as rich in sugar as some of the smaller beets, yet they yield so much more that they produce more actual dry matter per acre than other kinds.

In a trial of the different varieties of Mangels on our farm the contrast between this new variety and other kinds was very marked, the Danish Yellow Giant being far ahead in size and vigor of growth all through the season.

We advise every one who is interested in raising Mangels to try this new strain.

Pkt. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c, postpaid. By express, 30c. per lb; 5 lbs. or more at 25c. per lb.

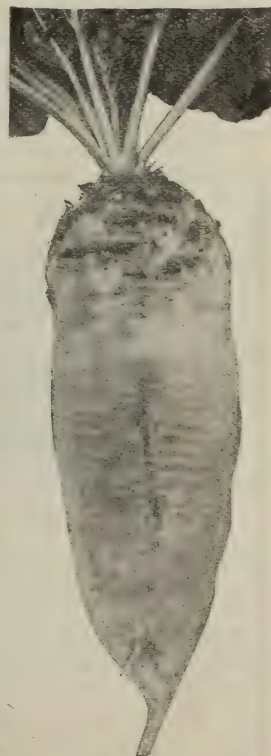
SUTTON'S EXCELSIOR PEA.

This new pea resembles Nott's Excelsior, but the vines grow a little taller and the pods are larger, while it is very nearly, if not quite, as early. Nott's Excelsior has long been a very popular pea both for home use and market, but we think the new Sutton's will become even more popular when it is better known.

The vines grow only a little over a foot tall and need no support. The pods are of good size, being nearly a third larger than Nott's, and are producers in great abundance. It is a wrinkled pea of the very highest quality, and we strongly recommend it for home use as a second early kind to follow closely after the small extra early varieties. Those who have used Nott's Excelsior or American Wonder for market will find the Sutton's better in every way. Price, postpaid— $\frac{1}{2}$ pint 14c; pint 25c; qt. 45c. By Express—Pint 17c; qt. 30c; 4 qts. \$1.00; peck \$1.90.



HARRIS' EXTRA EARLY
SWEET CORN.



DANISH YELLOW
GIANT MANGEL.

HARRIS' NEW MODEL PARSNIP.



HARRIS' NEW MODEL PARSNIP. (Photograph.)

We have been improving the old Holland Crown Parsnip by careful selection for some years until we have obtained a very fine strain which we call "Harris' Model."

The parsnips grow to a good length but not too long. The shape is shown in the photograph above. The roots are smooth, snow white, and have practically no side roots or prongs.

Their whiteness is quite remarkable and gives the roots a very attractive appearance.

The seed we offer is all of our own growing from very carefully selected roots and will be found far superior to the seed usually sold. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

Fordhook Bush Lima Bean.

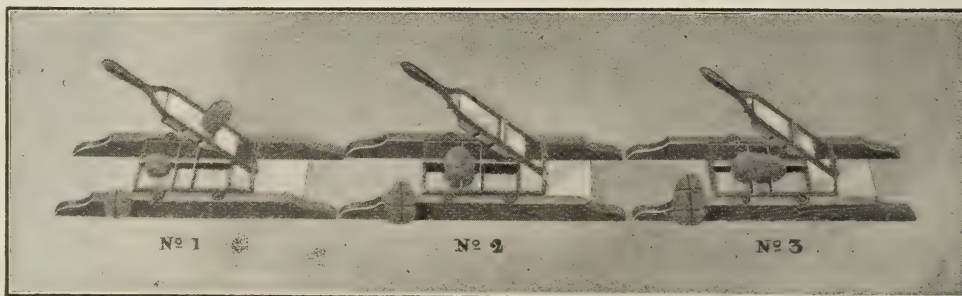
AN IMPROVED DREER'S or "Potato Lima." Those who are familiar with Dreer's or Thorburn's Bush Lima will appreciate the great improvement shown in this new strain. The Fordhook is not only much larger both in pod and bean, but it is earlier and more prolific. The pods of this new variety are almost as large as those of Burpee's Bush Lima while the beans are fully as large and much thicker. They are also of a deep green color which adds to their appearance when shelled.

The vines grow more erect than the Dreer's, have large leaves and produce much larger crops.

From the results in our trial grounds we should say that this new Bush Lima is far superior in all points to the older strains of this type. So much so that when known no one will think of raising the Dreer's or other strains of "Potato" Limas.

For our own use we prefer the flat Limas (Burpee's Bush) but those who want the thick, plump beans should try the "Fordhook." Pkt. 10c; $\frac{1}{4}$ pint, 25c; pint 40c.; qt. 70c., postpaid. By express, pint, 30c; qt. 55c.

A NEW SEED POTATO CUTTER.



No. 1 shows how a small potato is cut into two pieces, and also how the seed end is cut off if desired.

No. 2 shows how medium size potatoes are cut into four pieces.

No. 3 shows how large potatoes are cut into six pieces.

This is the only really satisfactory Potato Cutter we have ever used. With it a man can cut five times as many potatoes in a day as by hand and cut them any way desired. The cutter is placed on top of a bushel crate or barrel so the potatoes fall into it when cut. When cutting, the lever is raised with one hand and a potato placed on the knives with the other in such a position as will cut it in as many pieces as desired. (See picture above.) By a simple movement of the hand the potato is cut and falls into the box below.

To take off the "seed end" the potato is simply drawn over the knife blade on top of the plate as shown in Fig. No. 1. The pieces fall on a plate and are kept separate from the rest of the cut potatoes. This cutter will pay for itself in a day. A large grower cannot afford to be without one.

This cutter is 2 feet long and 8 inches wide; weight 8 lbs. Price \$3.50.

COMPLETE LIST OF Harris' Vegetable Seeds for 1908

The various kinds of seeds are arranged in alphabetical order. That is, names commencing with "A" like Asparagus, come first, followed by those beginning with B, C, etc., so that any vegetable wanted can be easily found.

Seeds Delivered Free. At the prices quoted in this list we send the seeds by mail or by express at our expense, without any cost to the purchaser, excepting such prices as are preceded by the words "By Express." This means that when ordered at that price the seed is to be sent at the expense of the purchaser, and so must be sent by express or freight and not by mail. Deduct 10c. per lb. from "mail" prices if the seeds are to be sent by express or freight at the purchaser's expense.

Direction for Cultivation. We issue a little pamphlet called "Cultivation of Vegetables and Flowers," which will be sent free with all orders amounting to 25c or more if requested.

Asparagus.



TWO-YEAR OLD ASPARAGUS ROOT AS GROWN AT MORETON FARM. (Photograph.)

Asparagus Seeds. To raise Asparagus roots the seed should be sown early in the spring. One ounce of seed will sow 75 feet of row and produce about 250 plants. It requires two years to raise good plants, which must be

One quart of Seed will plant
150 feet of row.

Dwarf Beans.

$\frac{3}{4}$ to 1 $\frac{1}{2}$ bushels of seed
per acre.

Notes on Varieties. Of the Wax or yellow podded garden beans **Valentine Wax** is the earliest, is very prolific and of fine quality. **Wardwell's Kidney Wax** is early and has very long flat pods, while **Round-Pod Kidney Wax** differs only in shape of the pods, which are round instead of flat. The new **Hodson Wax** is two weeks later, more vigorous and prolific, and is free from rust and blight. **Davis' White Wax** is early and prolific and the pods resemble Wardwell's Kidney Wax, but are not of as good quality. **Currie's Rust-Proof** has short, thick, deep yellow pods of fine quality and nearly rust-proof. The dry beans are black.

The **Improved Rust-Proof Golden Wax** has straight flat pods of medium length and is quite free from rust. **Crystal Wax** has small, round, very light green or nearly white pods which are of the finest quality. It matures two weeks later than Valentine Wax and is excellent to follow that variety for home use.

Of the green-podded garden varieties, **Burpee's Stringless Green Pod** is one of the earliest and of the best quality, with large, round stringless pods, light green and nearly straight. The **Black Valentine** is just as early, has pods fully as long, but not so thick, and is very prolific. **Giant Stringless Valentine** is a day or two later, and has larger pods, which are more curved and entirely stringless. **Refugee** is later and has long, straight, round, light green pods, of fine quality when young.

For shelling green, **Dwarf Limas** are of the best quality, but are more difficult to raise than **Ruby Dwarf Horticultural** and **Goddard** or **Boston Favorite**, both of which are very hardy, prolific and easily raised, and of fairly good quality for succotash.

transplanted and left to grow for one or two years more before any cutting is done.

Palmetto. This is one of the best varieties. It produces large, light green shoots early in the season, and is said to be less subject to rust than any other kind. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

Conover's Colossal. The old standard sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 18c; lb. 45c.

Giant Argenteuil. A new French variety, said to be larger than any other kind. It is becoming very popular in this country where known. We offer seed imported by ourselves direct from France. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Asparagus Roots. We raise large quantities of Asparagus roots on our own farm and can furnish roots that are much larger and stronger than those usually sold. We can furnish first-class **Palmetto** and **Giant Argenteuil** Asparagus Roots at the following prices:

- 1 year old roots, by mail, per doz. 20c; 50 roots 60c; 100 roots \$1.00.
By Express, 50 roots 35c; 100 roots 60c; 1000 roots \$3.50.
- 2 year old roots, by mail, per doz. 45c. By Express, 50 roots 65c; 100 roots \$1.00; 1000 roots \$5.50.

Price on larger lots will be quoted by letter.

Artichoke.

The French or Globe Artichoke is largely used as a vegetable and is entirely distinct from the Tuberous or Jerusalem Artichoke. The Globe Artichoke is a perennial and produces the flower buds, which are used for food, the second year after sowing the seed. North of Virginia the plants require protection in winter. The seed is sown early in the Spring.

Large Green Globe. The standard variety. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Of Dwarf or Bush Limas there are three distinct varieties, of which Burpee's is the largest, having large flat beans fully as large as those of the old pole limas. Dreer's and the new "Fordhook" have round or "potato" beans, and Henderson's has small, flat beans which mature a little earlier than the other two. We prefer Burpee's, but some people like the round thick beans produced by the Dreer variety, and in some markets they bring the highest prices. Henderson's is very hardy and prolific and will succeed anywhere, but the beans are only half the size of Burpee's.

Of Field Beans, the Boston Marrow or Marrowfat is the largest white bean and always brings higher prices in market than the smaller Marrow Pea bean which is earlier and more prolific. In favorable seasons and on good soil Boston Marrow will produce large and profitable crops, and the same may be said of the Red Kidney, which is also later than the Marrow Pea and requires better land.

VARIETIES OF SPECIAL MERIT.

Valentine Wax. This is the earliest wax bean we have ever seen. The pods are round, long and of the best quality and the vines are remarkably prolific. The best early variety for home use and for market where a round yellow pod is required.



NEW STRINGLESS GREEN-PODDED BUSH BEAN.

Burpee's Stringless Green Pod. One of the very best green pod or snap beans for home use and market. The pods are long, round, solid and stringless and of the finest quality. It is one of the very earliest kinds and the pods are so large and handsome and of such fine quality that they always sell well in market and are most welcome on the table. See Price List.

Wardwell's Kidney Wax. Has long, straight, bright yellow pods of fine quality. The pods are often 6 to 8 inches long, flat and as yellow as butter, and of the best quality. The vines are vigorous and prolific. We know of no more profitable wax bean for market. The pods mature very early and are deep yellow even when very young. See Price List.

Price List of Dwarf Beans.

Four quarts of one variety will be supplied at half the peck price.

For price per bushel see our Wholesale Price List.

WAX OR BUTTER BEANS.

	By Mail				By Express		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
VALENTINE WAX, earliest, round pods, fine.	\$o 06	\$o 12	\$o 22	\$o 40	\$o 15	\$o 25	\$1 60
Wardwell's Kidney Wax, an excellent market sort.	06	12	22	40	15	25	1 40
Hodson Wax, very prolific, yielding nearly twice as much as other kinds. Quite late. Pods long, straight and handsome.	06	12	22	40	15	25	1 50
Round Pod Kidney Wax, a very fine variety.	06	12	22	40	15	25	1 60
Davis' White Wax, very hardy and prolific.	06	12	22	40	15	25	1 40
Crystal Wax, late, fine for home use, tender and delicious.	06	12	22	40	15	25	1 75
Improved Rust-Proof Golden Wax, early and good.	06	12	22	40	15	25	1 35
Currie's-Rust-Proof Black Wax, improved Black Wax.	06	12	22	40	15	25	1 35

GREEN PODDED GARDEN BEANS.

New Stringless Green Pod (Burpee's).	06	12	22	40	15	25	1 25
New Giant Stringless Valentine.	06	12	22	40	15	25	1 30
Black Valentine, new, very early and prolific.	06	12	22	40	15	25	1 50
Improved Round-Pod Valentine.	06	12	22	40	15	25	1 30
Refugee, or 1,000 to 1.	06	12	22	40	15	25	1 25
Goddard, or Boston Favorite, for shelling green.	06	12	22	40	15	25	1 30
Ruby Dwarf Horticultural, better than the old Horticultural.	06	12	22	40	15	25	1 50

FIELD BEANS—For Use Dry.

Boston Marrow, or White Marrowfat, large, white, late.	06	12	22	40	15	25	1 10
Marrow Pea, or White Navy, small, early, prolific.	06	12	20	35	13	20	90
Red Kidney, red, kidney shaped, late.	06	12	22	40	15	25	1 10

DWARF LIMA BEANS.

Henderson's Bush Lima, early and prolific, but small.	10	15	25	40	15	25	1 50
BURPEE'S BUSH LIMA—New Wonder Strain—This improved strain bears larger crops and is earlier than the old and original variety. This is the same as what Burpee calls his "Quarter Century strain".	10	15	28	50	18	35	1 95
Dreer's or "Potato" Bush Lima—Large, thick, nearly round beans of fine quality.	10	15	25	45	15	30	1 90
FORDHOOK Bush Lima—(New) A great improvement over the Dreer's. See page 12.	10	25	40	70	30	55	

Pole or Running Beans.

Beans of this class should have some kind of a support on which to climb. Poles are usually placed in the ground and the beans planted around them in a circle.

NOTES ON VARIETIES.

Of the Pole Limas **Early Leviathan** is the earliest and has very large pods and is the best variety for either home use or market. **Seibert's Lima** is early but has smaller pods and beans than the **Leviathan**. **King of the Garden** is later but has very large pods.

Golden Cluster Wax has large deep yellow pods that are entirely stringless and of the highest quality as a snap bean. It is wonderfully prolific. **Scotia** is a green podded snap bean of very superior quality and remarkably productive. **Golden Carmine Podded Horticultural** is a bean that can be used either as a "snap bean" or shelled green like **Limas**. It is by far the best variety of this class.

Varieties of Special Merit.

Early Leviathan Lima. This is by far the best Pole Lima we have ever grown. It is not only very early but the pods and beans are of the largest size and the vines are remarkably prolific. See price below.

Scotia Bean. The most delicious "snap" bean grown. Anyone who wants a constant supply of the most tender and delicious snap or string beans all through the summer should plant a few hills of **Scotia**. The vines commence bearing about the time the early dwarf varieties are gone and continue bearing until frost. They are so wonderfully prolific that a dozen hills will produce enough for a family. The pods are long, round, straight and absolutely stringless. The color is light green. When cooked they are extremely tender, rich and fine flavored.

Market gardeners find this bean a most profitable crop, and any who have "private customers" will largely increase their trade by raising them. The pods are just the kind that are wanted in market, and as they come in after the early dwarf beans have gone, they bring good prices. It will produce twice as many bushels of green pods to the acre as any bean we know of. It should be planted in hills 2 1/2 feet apart with four or five beans in a hill.

We have received hundreds of letters in praise of the **Scotia Bean** but have not room to publish them. We quote one from Rev. J. Reynard Lawrence, Lanesboro, Mass., who says:

"I never saw anything in pole beans ahead of your **Scotia**, long, thin green pods, round as a lead pencil and stringless. Literally hanging in clusters so that one can gather if he chooses with both hands 20 or 30 pods at a time. They make good shell beans also when full grown, and are good beans for baking purposes when dried."

LIMA AND OTHER POLE BEANS.

	By Mail				By Express		
	Pkt.	1/2 Pt.	Pint	Quart	Pint	Quart	Peck
Early Leviathan Lima , the best pole Lima.....	\$o 10	\$o 15	\$o 28	\$o 50	\$o 20	\$o 35	\$1 80
Seibert's Large Early Lima	10	15	25	40	15	25	1 60
King of the Garden Lima . Very large pods and beans.....	10	15	25	40	15	25	1 60
Large White Lima	10	15	25	40	15	25	1 60
Golden Cluster Wax	10	17	30	55	22	40
Golden Carmine-podded Horticultural	10	17	28	50	20	35	1 80
Speckled Cranberry, or London Horticultural	10	15	25	45	18	30
Scarlet Runner , ornamental vine; bright red flowers; very handsome.....	10	20	35	60	25	45
SCOTIA , the most delicious snap bean.....	10	15	25	45	18	30	1 70

Four quarts of any one variety will be supplied at half the peck price.

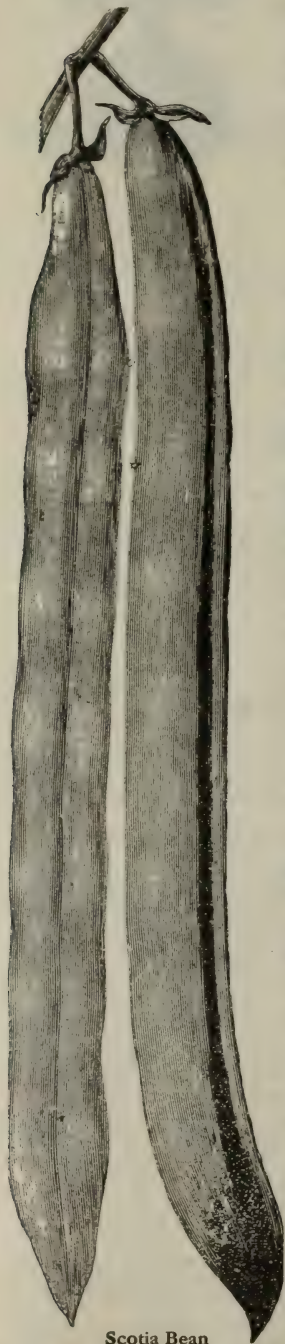
Beets.

One ounce of seed will sow sixty feet of row—10 pounds per acre in rows 18 inches apart.

Beets can be sown early in the spring, and again a few weeks later for a succession. It is an excellent plan to sow some in July for use in the fall. These young beets can be put in a pit or root cellar and covered with sand, and will keep in nice tender condition for use in the winter.

Crimson Globe. A very fine new beet of perfect globe shape, as round as an apple and deep crimson all through. The beets make a very rapid growth, and are always sweet, tender and of best quality. This variety has become very popular for canning on account of its deep color, fine quality and great productiveness. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1 lb. 60c.

Crosby's Egyptian, **Harris' Selected Strain**, (see page 9). This is one of the earliest, handsomest and best beets for market and home use. Our selected strain will be found very fine. Pkt 5c; oz. 10c; 1/4 lb. 20c; 1 lb. 70c. By express, 60c. per lb.



Scotia Bean

DETROIT DARK RED. A medium early globe-shaped beet of excellent quality. It is especially esteemed on account of its dark red color, which extends entirely through the beet, and without the light colored rings seen in some varieties. The beets are smooth and handsome and are now being largely used for canning as well as for market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

EDMUNDS' BLOOD RED. A fine strain of the popular Blood Turnip beet. The beets are round and smooth, deep red and of fine quality, even when fully grown. Very popular for market as well as for home use. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Eclipse Beet. This is one of the earliest and handsomest beets grown. The beets are globe-shaped, smooth and with very small tops, and are of the best quality. We offer a superior strain of seed. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Early Bassano. Large and of excellent quality, rather light in color. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Long Smooth Blood Turnip. Roots long, smooth and very dark red. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Early Blood Turnip. We have an excellent strain of this old favorite. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Swiss Chard or **Sea Kale Beet.** Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat, and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

Silver Leaf. Large, smooth leaves with silvery white stems which are tender and of fine flavor. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 50c.

LUCULLUS. A new variety, with curled leaves like a Savoy cabbage. The plants grow nearly 2 feet high and the stem and leaves are very large and of the highest quality. It is far superior to the old kinds. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

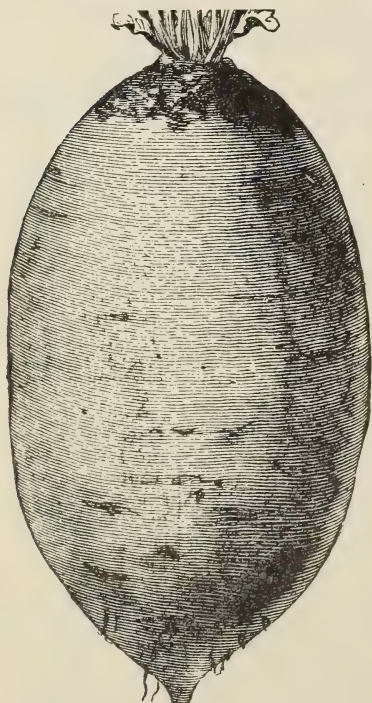


CRIMSON GLOBE BEET.

Mangel Wurzels and Sugar Beets.

Most Economical and Valuable Food for Cattle and Sheep. Note Our Prices for Seed.

There is no crop more valuable for feeding cows and sheep than Mangels and Sugar Beets. Considering the fact that it is easy to raise 40 tons or more per acre, and that the whole root is perfectly digestible, there being no waste as is the case with corn stalks or other coarse fodder, there is no other food more economical. Not only this but cows fed on mangels during the winter will give more and better milk than they will on any other food. Sheep also, are much healthier, and ewes with lambs give more milk, and therefore raise better lamb than if fed only dry food. It is the poorest kind of economy to try to get along without them. We are glad to observe that there are more being raised every year as stock raisers learn their value.



GIANT YELLOW
INTERMEDIATE MANGEL.

Culture. Any soil that will raise good crops of corn or potatoes will do for Mangels. Sow in May in rows 2 feet apart. Seed may be sown with a grain drill but a hand drill is better. It requires about 8 or 10 lbs. of seed per acre. Plants should be thinned out to 1 ft. apart when a few inches high.

Danish Yellow Giant Mangel. A very fine new Mangel which yields more than any other kind. See page 11. Pkt. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c, postpaid. By express, 30c. per lb.; 5 lbs. or more, at 25c. per lb.

New "Half Sugar" Mangel. This new Mangel or Giant Sugar Beet, is intermediate between the large Mangels and the Sugar Beets. The roots are white with red tops and grow to a large size, oval in shape, growing half out of the ground, and have small tops. The superiority of this variety lies in the fact that the roots contain a higher percentage of sugar, and are therefore more valuable for feeding than the larger and coarser Mangels. Notwithstanding that the roots are rich in sugar, they grow to a large size and yield nearly as large crops as the largest Mangels. This variety is superior to any other sugar beet to raise for stock feeding. Pkt. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c. By express, 22c. per lb.; 5 lbs. or more, at 18c. per lb.

Giant Yellow Intermediate. This is one of the best varieties and yields very large crops. The roots grow to a nice oval shape, intermediate between the globe and long Mangels. They grow fully half above the ground so that they are easily harvested. They attain a very large size and yield enormous crops on rich land. The roots keep perfectly all winter and are fine grained and excellent for feeding. Our seed is of 1908 crop and of the highest quality. Pkt. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c. By express, 20c. per lb.; 5 lbs. or more, at 17c. per lb.

Golden Tankard. One of the best large Mangels. Roots about the same shape as the Intermediate, but the flesh is yellow all the way through. The roots grow to a very large size and are very fine grained and of high feeding value and keep well. We have a fine strain of this excellent variety that has been raised from carefully selected roots and produces Mangels of the largest size, uniform shape and of the best quality. It is the richest of the larger Mangels and we highly recommend it both for yield and quality. Pkt. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c. By express, 20c. per lb.; 5 lbs. or more, at 17c. per lb.

HARRIS' YELLOW GLOBE MANGEL. Roots perfectly round, smooth, and with very small tops. Easily harvested and yields large crops. Will keep better than any other variety. Pkt. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c. By express, 20c. per lb.; 5 lbs. or more, at 17c. per lb.

MAMMOTH LONG RED, or Norbiton Giant. The best long red Mangel. Yields enormously. Pkt. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c. postpaid. By express, 20c. per lb.; 5 lbs. or more, at 17c. per lb.

Lane's Improved Sugar Beet. A very fine strain of sugar beets for stock. The roots grow to a large size and partly above ground and are rich, sweet and of high feeding value. Pkt. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c. By express, 20c. per lb.; 5 lbs. or more, at 17c. per lb.

Brussels Sprouts.

A delicious vegetable that is becoming very popular in all large markets. It should be more largely grown in private gardens, as it affords fresh green sprouts in the late fall and winter when other vegetables are gone. It is cultivated like cabbage. The sprouts that grow along the stem are picked off and cooked like cabbage or cauliflower, and are very delicate and fine flavored.

Long Island Improved Dwarf. The most popular variety on Long Island, where this vegetable is grown on a large scale for market. The sprouts are firm and close together on the stem, producing a large yield. Our seed is grown on Long Island and is of the **finest strain**, much superior to that usually sold. **Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.**

HERCULES. A new variety from Holland that has proved to be the best variety in our trial grounds. See page 9. **Pkt. 10c; oz. 30c; ¼ lb. 90c.**

Cabbage.

One ounce of seed will produce 1,000 to 2,000 plants sown in open ground, or 3,000 if sown in frames. It requires about 6 ounces of seed to produce plants for an acre of ground.

RAISING CABBAGE SEED IS ONE OF OUR SPECIALTIES.

Being situated in one of the best cabbage growing regions in this country, we have long made a specialty of raising cabbage, for both seed and market. We have thus been able, by selecting the very best heads for seed, to breed up some very fine strains of cabbage that will satisfy the requirements of the most critical grower.

Methods of Culture. To get very early cabbage in the northern states the seeds should be sown in hot-beds in February or March, or about six weeks before the ground outside is ready to receive the plants. For medium early crop the seed of early kinds like Enkhuizen Glory, Eureka, Burpee's All Head and Early Spring may be sown in the open ground as early as possible and the plants transplanted as soon as large enough. This will give cabbage ready for use in August if the land is rich and well cultivated. For late crop the seed should be sown in this latitude about May 20th, and the plants set out July 1st. Seed of early varieties may be sown as late as June 20th to July 1st, and will mature a good crop. For late sowing, Volga, Enkhuizen Glory and Burpee's All Head are excellent varieties.

Early Varieties of Cabbage.

Among the earliest kinds the different strains of Wakefield are best known. **Extra Early Wakefield** is the earliest, but the heads are small. **Early Jersey Wakefield** has larger heads and is extremely early, while **Charleston Wakefield** has still larger heads not so pointed as the other two, and matures two weeks later. Of the early flat head kinds, **Eureka**, **Enkhuizen Glory** and **Early Spring** are the earliest, while **Burpee's All-Head Early** is a little later and is often used for planting late after early potatoes or other early crops for fall or winter use. **Etampes** and **Early York** are of fine quality but not hard enough for market.

CABBAGE—Early varieties. Packets of any of the following varieties, 5 Cts.		Oz.	¼ lb.	lb.
Extra Early Wakefield. Earliest, small pointed heads.....		\$o 25	\$o 65	\$2 25
EARLY JERSEY WAKFIELD. Special selected strain, heads of good size, very uniform and compact.....		25	65	2 25
Charleston Wakefield. Larger, broader and not so pointed as the above and a little later. We have a fine strain of this variety. Every plant makes a good large head.....		25	65	2 25
ENKUIZEN GLORY, new. Very early, large round heads, yields immense crops. See page 6.....		25	75	2 60
EUREKA. Very hard flat heads, as early as Charleston Wakefield. One of the best.....		15	45	1 70
BURPEE'S ALL-HEAD EARLY. Medium early, large, solid heads, and of very compact growth. One of the best for summer use or for planting late for main crop. Our seed is of the very finest strain and produces even crops of large solid heads.....		15	45	1 70
Henderson's Early Summer, medium early, flat heads.....		15	45	1 50
Early Spring. Early and very fine, flat heads, solid and compact.....		20	60	2 00
Early York. Small pointed heads of fine quality.....		15	40	1 50

At the above prices the seed is sent postpaid. If to be sent by express, not prepaid, deduct 10c. per lb.

What an Extensive Market Gardner Says: "I have planted your seeds for many years and I am satisfied that your seeds have given me more product from the time and labor spent on them than any I have ever used. I planted seeds from 15 different seed firms and I have had the best crops of Early Potatoes, Peas, Beans and Lettuce from your seed that came to our market. Your Harris' Extra Early Seed Corn excels everything raised in this country for yield and quality. Your Cabbages have produced some astonishing yields for me." **DAVID W. GROUCH, Jefferson County, Pa. March 30, 1908.**

Up to the Mark: MR. C. H. BROWN, Rahway, N. J., writes April 20, '08: "Seeds arrived O. K. and I think your plan of marking seed with germinating test a good one, and I note also the seeds come up to the mark too, which proves there is no fake about the testing."

Late or Main Crop Varieties of Cabbage.

Danish Ball Head is now most extensively planted for fall and winter shipping, and is very profitable on good land and under favorable conditions, but does not yield as much as some of the domestic or flat varieties. **New Danish Summer Round Head** is earlier and not so hard and dark green as the Ball Head, but produces very large crops of medium size very hard cabbage that are excellent for shipping or kraut and is a profitable variety to raise. **Volga** produces large solid heads and grows so fast that it can be set out late and will produce immense crops. **Harris' Short Stem** is a large, late, flat cabbage with very solid, heavy heads of fine quality. It yields very large crops. It has been found profitable in many cases to plant early varieties of flat cabbage for fall market. They produce medium size, hard heads which are preferred in market to the larger heads of the late varieties. For this purpose **Burpee's All Head Early** is the most popular variety. The plants can be set as close as 18 in. in the row and yield very large crops. **Enkhuizen Glory** is also excellent for this purpose. It can be set out as late August 1st, on good land. **Mammoth Rock Red** is the best red cabbage and is often very profitable. **Savoy** cabbage is of the finest quality and excellent for home use in the fall and winter, being far superior to common cabbage in delicacy and flavor.

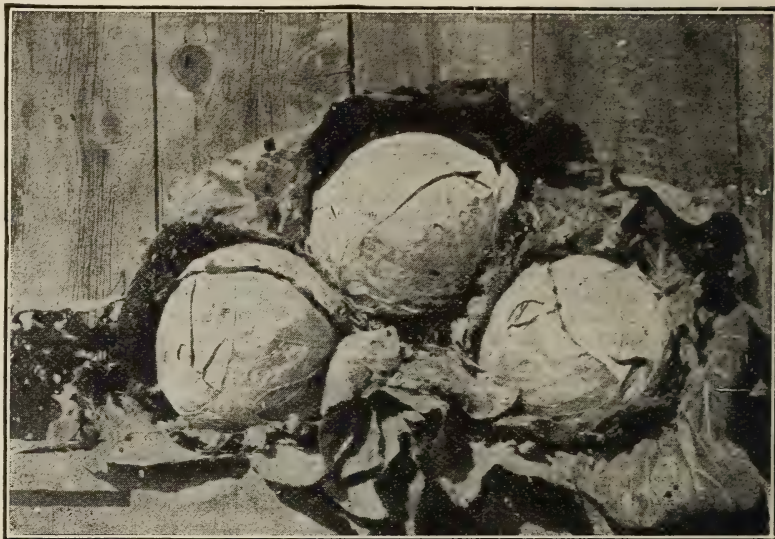
Some of the Best Varieties for Main Crop.

VOLGA. This is one of the best large cabbages we have ever raised. For uniformity in growth, shape of head and hardness we have never seen its equal in a large heading variety. Plants set out July 9th on very ordinary soil with no manure or fertilizer produced large, solid hard heads by the 10th of October—two or three weeks earlier than other large kinds. The plant is nearly all head having few outside leaves. The heads are nearly as round as a ball and almost as hard and solid as Danish Ball-head, while they are much larger and heavier, often weighing 15 lbs. each.

It heads so uniformly that hardly a plant in 500 will not produce a good large solid head. It will yield more tons per acre than almost any cabbage we know of and the heads are very firm and heavy. See price list below.

Harris' Short Stem.

We introduced this cabbage over twenty-five years ago and have selected and improved it until now we think it superior to any other large cabbage for main crop and winter use. The best proof of this lies in the fact that a number of the most prominent seedsmen in the country have attached their own names to this variety in order to get credit for the superior quality it possesses. The heads grow uniformly very large, deep and solid, and are of the very finest quality. They will keep better than any large cabbage we know of, being very much superior to the common varieties in this respect. Compared with such varieties as Fottler's, Flat Dutch and All Seasons, Harris' Short Stem is firmer, heavier and more solid, with deeper heads, keeps better, and is of finer quality. We have this cabbage bred so well that 99 plants out of every 100 will produce good solid heads if given good ground and proper care. Yields of 15 to 20 tons per acre are not at all uncommon with this variety, and even larger yields are produced under favorable conditions. See price list below.



VOLGA CABBAGE. (Photograph.)

Danish Summer Round Head. This variety is somewhat different from what is usually called "Danish" cabbage. Although the heads are round and hard they are not quite as dark green as the Danish Ball Head and do not keep quite as well in storage. The plants are very vigorous and produce large crops, and they are not so badly injured by lice as other kinds. It is a first-class hard cabbage with medium size heads that are just right for market or shipping. It heads very evenly and produces large crops. We highly recommend this variety for fall use and market. See price below.

CABBAGE—Main Crop Varieties. Pkts. of any of the following kinds, 5 Cts.			
	Oz.	¼ lb.	lb.
VOLGA. New, very fine. See description above.....	\$o 20	\$o 60	\$2 15
HARRIS' SHORT STEM. Large heads of finest quality.....	25	70	2 70
DANISH BALL HEAD—Improved Strain. Very fine. See page 7.....	20	65	2 35
DANISH BALL HEAD, Short Stemmed, earlier and with shorter stems than above.....	20	60	2 25
DANISH BALL HEAD, "Solid Emperor" strain. This is the same strain we have sold for many years and it has given excellent results.....	18	50	1 75
DANISH SUMMER ROUND HEAD. See description above.....	18	50	1 85
Succession. One of the best medium early kinds.....	15	40	1 60
All Seasons. Large flat heads. A popular variety for fall use.....	15	40	1 50
Surehead. Large deep heads, solid and compact.....	15	45	1 50
Houser. Large and very hard round heads which mature late, and are very solid.....	18	50	1 70
Warren's Stone Mason. Heads large, deep and solid.....	15	45	1 50
EXCELSIOR LARGE FLAT DUTCH. A very fine strain of Flat Dutch Cabbage which heads very evenly and gives large yields. One of the best flat varieties.....	15	45	1 60
Premium Flat Dutch. The old standard Flat Dutch.....	15	40	1 50
Fottler's Drumhead. Heads large and flat.....	15	40	1 50
Winningstadt. Pointed heads of medium size, hard and solid. Every plant heads.....	15	40	1 40
Mammoth Rock Red. The best red variety, heads of good size, deep red and very solid....	18	45	1 60
Early Red Erfurt. Small, round, very hard heads, matures early.....	18	50	1 80
SAVOY CABBAGE, Perfection Drumhead. The best Savoy Cabbage, large and firm and of finest quality for table use. Everyone who appreciates good cabbage should raise some Savoy for their own use.....	18	50	1 80

Cauliflower.

One ounce of seed will produce 1,500 to 2,000 plants if sown in open ground, or about 3,000 in frames.

To raise good Cauliflower. There is nothing so essential to success in raising Cauliflower as good seed. The best Cauliflower seed is very expensive, but it is worth to the grower ten times as much as cheap and carelessly grown seed. We get the best results from using **Snowball** or **Danish Giant** for main late crop as well as for early use. The seed we offer is grown with the greatest care, and 99 per cent of the plants will produce fine, compact heads of good size.

Early Cauliflowers are difficult to raise and are not of the best quality, but when the plants are set out in July and the heads form in October there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June, on good soil. When plants are large enough transplant to rich, moist soil. These remarks refer to **Snowball** or other early kinds. The late kinds must be sown and transplanted earlier.

Snowball.

Although an early variety the **Snowball** is used almost exclusively for late or main crop as well as for forcing and summer use. There is no finer cauliflower than a first-class strain of this variety. The heads are large, heavy and close grained with no leaves growing through them. Many seedsmen have Cauliflowers which they claim are better than **Snowball**, and for which they charge a high price. After trying a great many of these varieties we are convinced that they are, one and all, **Snowball** or **Early Erfurt** under different names.

There is nothing finer than the two strains of **Snowball** we offer, no matter under what name it is sold or what price is charged for the seed.

If you want to pay \$3.00 or \$4.00 per ounce for califlower seed and get the same thing we sell you for \$1.80, of course you can do so, but we don't see the sense in it. There is no better seed than we offer sold at any price, and we want all large growers to try some of it and see for themselves. Pkt. (200 seeds) 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.80; $\frac{1}{4}$ lb. \$6.50; lb. \$25.00.

"Danish Giant" Snowball.

(also called "Dry-weather" Cauliflower). This is a new strain of **Snowball** Cauliflower that grows larger and has more leaves than the old variety and matures about two weeks later. It is especially valuable for high ground, as it is more vigorous than the **Early Snowball** and stands dry weather better. Having more leaves it is easier to protect the heads from the sun and keep them snow white. See Page 9. Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00; $\frac{1}{4}$ lb. \$7.50.



OXHEART. HARRIS' HALF LONG. DANVERS. NEW LIGHT YELLOW.
(From a Photograph).

Erfurt Early Dwarf. Not quite as early or fine as **Snowball**, but is an excellent variety both for early and late crop. It is very reliable in regard to heading, and the heads are solid and compact. Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.60.

LARGE ALGIERS. One of the best large varieties. Heads of the largest size, white but not as compact as **Snowball**. A reliable header. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

Large Lenormand Short Stem. Large and vigorous. Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 60c.

Walcheren. Large, late and very hardy. Will stand considerable frost. Pkt. 10c; oz. 55c; $\frac{1}{4}$ lb. \$2.00.

Cabbage and Cauliflower Plants.

We can furnish Cabbage and Cauliflower Plants of the most prominent varieties in this list at lowest prices. Plants ready from the middle of April to middle of July. See price list at back of this Catalogue.

Carrots.

One ounce of seed will sow 150 feet of row.

It requires 4 to 6 pounds of seed to sow an acre, depending upon the distance between the rows.

Carrots can be sown from early spring to the middle of summer. The earlier they are sown the larger the crop as a rule, but late sowings often produce nice carrots for bunching in the fall.

Carrots for Feeding. Carrots are of very high value for feeding cows, horses and sheep, and as very large crops can be grown on a small piece of ground it pays remarkably well to raise at least a small plot of them every year. They are of great benefit to cows and horses in the fall and winter.

Harris' Perfected Half Long. This is a very fine strain which produces carrots of uniform shape, smooth skin, without wrinkles or small roots, and of deep orange color. The shape of the roots, as shown in the photograph reproduced here, is that most desirable for market, being nearly the same size the whole length and stump rooted. The quality is very fine for table use, the roots being without cores, fine grained and sweet. The roots grow about six inches long, and are so smooth and handsome that they always bring the highest price on the market. There is no finer strain of carrot than this. If the seed is not sown too thick the carrots need not be thinned out, but can be left as they come up, and they will crowd out each side of the row and produce enormous yields on loose rich soil. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 70c. By express, 60c. per lb.

Danvers Half Long. The roots taper a little more at the bottom than Harris' Half Long and grow about two inches longer, or about eight inches in length. The roots are of fine grain and of the best quality, and yield very large crops. This variety is very valuable for stock feeding as well as for market. Our strain of this variety will be found very fine, far superior to that usually sold. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 60c. By express, 50c. per lb.

Chantenay. This popular carrot is much like Harris' Half Long and is used for the same purpose. We have some very fine French grown seed that will be found equal to any obtainable, no matter what the price. Price same as Harris' Half Long

OXHEART, or GUERANDE. A short, thick carrot, often nearly as large around as it is long. Excellent for table use or bunching for the market. Matures early. Can be easily pulled by hand and will yield nearly as much as the longer varieties. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 70c. By express, 60c. per lb.

Long Orange. We have a fine strain of this variety; roots long but not too tapering, smooth and straight. An immense yielder. Pkt. 5c; oz. 8c; ¼ lb. 17c; lb. 55c. By express, 45c. per lb.

Early French Short Horn. The earliest and best carrot for forcing. Our seed is of the finest strain for hothouse forcing. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.

Mastodon or White Vosges. A large White Carrot for Stock. The roots grow very large, but being thick and not too long, they can be easily pulled. We think this variety will yield more good, nutritious carrots per acre than any other carrot. Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 50c. By express, 45c. per lb.

New Light Yellow. This is a distinct new variety of a light lemon color. Our cut gives a good idea of its shape. The roots grow a foot long about the same size the whole length. The quality of the roots is very fine. We know of no carrot that grows so large that is of such fine quality. This carrot will yield immense crops. It will be found excellent for table use, and its great productiveness will make it popular for stock feeding as well. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. By express, 65c. per lb

Celery.

One ounce of seed will produce about 4,000 plants.

Celery is easily raised. The trouble most unskilled gardeners experience is in raising the plants. The seed must be sown very early in the spring, as soon as the ground is free from frost. We give full directions for culture with every order for seed if requested. We sell plants ready in June and July at low prices. See prices below.

Varieties. For fall and early winter use Golden Self-Blanching is the best variety for market or home use, excepting for the latter purpose, Golden Rose is of slightly better quality, but has a red tinge which might not be liked in some markets. Both have a fine nutty flavor and are easily blanched. White Plume is handsome to look at, but not of very good quality, and must be used early as it does not keep very well.

For keeping in the winter French's Success is one of the very best kinds. It will keep longer than any kind we know of, and is crisp and tender. Giant Pascal is also good and has very broad thick stalks and keeps well. New Rose is excellent for home use where a celery of fine quality is appreciated. The stalks are of medium size tinged with red, and very crisp and of the finest flavor.

Golden Self-Blanching Celery. Also called Paris Golden Celery. We consider this the best "self-blanching" celery. It grows to a medium height, with large solid stalks, which are crisp and of the finest flavor.

A Gilt Edged Strain. Every large grower of celery appreciates the importance of getting the very finest strain of this variety. Poor strains of seed produce soft and green stalks, which greatly reduce the value of the crop. We have now a remarkably fine strain direct from the originator in France, which has proved better than any other strain we have tried. The stalks are longer from the root to the first joint than most of the celery of this variety, and they are perfectly firm and hard, with practically no soft or green stalks. The leaves and stalks are healthier than most strains and keep better. California grown seed is offered at low prices, but it will not give the best crops. A little more money paid for seed amounts to nothing compared with the increased value of the crop from the more expensive seed. See price below.

	Pkt.	Oz.	¼ lb.	lb.
GOLDEN SELF-BLANCHING. or Paris Golden. A very fine "gilt-edged" strain.	\$o 10	\$o 30	\$o 90	\$3 50
GOLDEN ROSE, or Rose Ribbed Paris Golden. Like Golden Self-Blanching except that the stalks are tinged with red and are of superior flavor and keep better and are very handsome on the table.....	10	30	85	3 00
FRENCH'S SUCCESS. (New.) The best keeper. See page 8.	10	40	1 10	4 00
White Plume. Blanches very early. We have a very fine, pure strain which is far superior to that usually sold.....	5	20	60	2 25
GIANT PASCAL. Broad, thick stalks of fine quality, a good variety for winter market.....	5	15	40	1 35
New Rose. A red celery of the finest quality, and therefore superior to other winter varieties for home use. The stalks are of medium size, solid, crisp and of nutty flavor.....	5	20	60	2 25
Golden Heart. (Dwarf.) A good kind for winter use. Popular in market.....	5	15	40	1 35
Boston Market. Large branching stalks.....	5	15	40	1 35
CELERIAC, or Turnip Rooted Celery. The bulbous roots are used instead of the stalks. Large Smooth Prague, the best variety.....	5	15	40	1 40

Deduct 2c. from ¼ lb. and 10c. from pound price if seed is to be sent by express not prepaid.

Celery Plants. We raise large quantities of celery plants, and can furnish strong stocky plants for less money than they can be raised for on a small scale. Plants will be ready in time to set out for fall and winter use about July 1st. Orders booked at any time and plants shipped when ready.

Prices of plants to be sent by mail, postpaid, 50 plants 25c; 100 plants 50c. By express at purchaser's expense, 100 plants 30c; 500, \$1.25; 1000, \$2.00; 3000 or more at \$1.50 per 1000. Special prices quoted on large lots.

Cress.

EXTRA FINE CURLED (also called "Peppergrass"). Leaves finely cut and curled, very handsome and of a pleasant pungent flavor. Used largely in salads. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.

WATER CRESS. This plant is now used very extensively for garnishing and for salads. It can easily be grown on the banks of any small stream or on land that can be flooded with running

water. It succeeds best on streams fed by springs that do not dry up in the summer. The seed should be scattered on the muddy bank early in the spring. Water Cress can also be grown in greenhouses for winter use and is a profitable crop.

Improved Broad-leaved. Larger and better than the common variety. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c.

One ounce of seed will plant about 80 hills or sow about 50 feet of row.

Cucumbers.

About 3 lbs. of seed per acre.

Seed is sown in this latitude the first part of May for slicing and the middle of July for pickles.

Varieties.

The earliest kinds are **Coy's Cyclone**, **Everbearing** and **Early Russian**. Of these Cyclone is of the best quality, but all are rather short compared with the later kinds.

For slicing and to raise for market the new **Satisfaction** and "**The Mimms**" are the finest varieties we know of. The fruit is long, slender and of the best quality. The different strains of **White Spine** are also good and are a little earlier than **Satisfaction**; of these **Davis' Perfect** is one of the earliest and best, **Arlington** is of medium length, straight, and smooth and very early, while **Extra Long White Spine** is longer and a little later and produces very fine, handsome fruit. **Emerald** is smooth, without any spines and very deep green, is straight and handsome, and a little later than **White Spine**. **Giant Pera** is a very long cucumber of fine quality, but matures medium to late.

Of the varieties suitable to raise for pickles **Chicago Pickling** and **Green Prolific** or **Boston Pickling** are the most prolific, and will produce the greatest number of pickles per acre, but the fruit is rather short and thick and therefore not as desirable as that of **Long Green**, **Perfect Jersey Pickle**, **Satisfaction** and **Cumberland**. These all produce long, straight pickles of best quality. The **Cumberland** is covered with very fine spines closely set all over the fruit which gives it a distinct appearance. The pickles are of fine quality, being very crisp. **Paris Pickling** is a long slim cucumber hardly larger than a pencil when 3 inches long, and make pickles of the finest quality and appearance, but is hardly prolific enough for market. The fruit is nearly seedless and is very solid and crisp and very superior for slicing.



1. Perfect Jersey Pickle. 2. Long Green
3. Cumberland. 4. Chicago Pickling.

CUCUMBERS—Packets 5 cents, except where noted.

	Oz.	$\frac{1}{4}$ lb.	lb.
THE MIMMS. (New.) A very fine early market variety. See page 4. Pkt. 10c.....	\$ 35	\$ 75
DAVIS' PERFECT. A new and improved strain of White Spine. See page 10.....	15	35	\$1 10
SATISFACTION. The finest long green cucumber. See page 10. Pkt. 10c.....	20	40	1 50
Fordhook Famous. Similar to, but not quite as fine as Satisfaction.....	15	30	95
Coy's Early Cyclone. The earliest cucumber of good quality. It is a very early strain of White Spine, two weeks earlier than other kinds. Fruit short but of good quality....	12	25	90
Arlington White Spine. A very fine strain having straight, handsome fruit and matures early. One of the best for market and pickles.....	12	25	95
Early White Spine. The most popular cucumber. Early, productive and of fine quality for slicing and pickling.....	12	25	95
Extra Long White Spine, or Evergreen. A very fine strain with fruit 10 inches long, straight and handsome. The fruit retains its green color even when ripe. A little later than the other two strains of White Spine.....	15	30	1 10
Cumberland. Excellent for pickling or slicing. Fruit is long, slim and very solid.....	12	25	90
EMERALD. Long straight fruit that is perfectly smooth and very dark green. One of the very best kinds for slicing.....	12	25	90
Cool and Crisp. Fruit dark green and of a peculiar icy appearance and of fine quality....	12	25	90
Giant Pera. Very long, straight, handsome fruit, late.....	12	25	90
Japanese Climbing. Vines of very vigorous growth and fruit of first-class quality.....	15	30	1 10
Chicago Pickling. Very prolific and one of the most popular kinds for pickles.....	12	25	95
PERFECTED JERSEY PICKLE. A fine strain of Long Green which is very prolific and especially adapted to raise for pickles. The young fruit is straight, slender and deep green. One of the very best pickling cucumbers.....	12	25	95
IMPROVED LONG GREEN. Fruit long, straight and dark green. Excellent for pickling, slicing and market.....	12	28	1 00
Everbearing. Fruit short but produced in great abundance, starting very early and continuing late if kept picked.....	12	25	95
Green Prolific, or Boston Pickling. Bears very profusely and is excellent for pickles.....	12	25	90
Early Green Cluster. Fruit borne in clusters, good for pickles.....	12	25	95
Early Russian. Very early, short fruit of good quality.....	12	25	90
West India Gherkin. Short prickly fruit, used for pickling. Pkt. 10c.....	20	60
Paris Pickling. Long, slender and of finest quality.....	15	30	1 10

Sweet Corn.

1 quart will plant 400 to 500 hills; 8 to 12 quarts will plant an acre.

Good Sweet Corn Seed. We take great pains in curing and drying our seed corn, and we are therefore able to offer seed of strong vitality and highest quality in every way. Our seed is very carefully selected and tested for germination, and the percentage that will grow is marked on each package, so you will run no risk of failure in planting our seed.

Notes on Varieties. The earliest corn we have tried is **Peep-o'-Day**, but the ears are quite small, about 5 in. long. **Harris' Extra Early** and **Pocahontas** are but two or three days later, and have much larger ears and are of finer quality. **Premo** follows a few days later and has fairly large ears. **Mammoth White Cory** matures early and has ears 6 or 7 in. long and produces two or three on a stalk, but the corn is not of as good quality as Harris' Extra Early. **Golden Bantam** is a small medium early kind with yellow kernels, very highly esteemed by many people on account of its excellent quality. **Kendel's Early Giant** matures very early and has large ears and is very prolific. It is the earliest kind with ears so large, and on this account is valuable for market. **Metropolitan** has large ears and is early and of fine quality. It is valuable as a second early kind to follow the small varieties that mature first. **Shaker's Early** is also large, early and of fine quality, and is one of the best second early kinds.

Of the later kinds, **Hickox Improved** matures earlier than **Evergreen** and has large ears of fine quality. **Black Mexican** is quite early and of very fine quality, surpassing all other kinds in sweetness and flavor, but the corn gets black when it is just ready to eat and therefore does not look very well on the table. The two latest varieties are **Country Gentleman**, with small ears having the kernel set irregularly on the cob and of very fine quality, and **Egyptian or Washington Market** with very large ears and corn that is sweet and good. **Burpee's White Evergreen** is a fine strain of the old **Stowell's Evergreen**, and is superior to it in size and shape of ear and in appearance, as the corn is very white.

For Home Use. We advise planting the following varieties which will give a constant succession of corn all through the season: **Harris' Extra Early**, **Metropolitan**, **Black Mexican**, **Hickox Improved**, **Country Gentleman** and **Egyptian**.

PRICE LIST OF SWEET CORN—Large packets of any variety,
(except where noted) 6c, half pint 12c, by mail postpaid.
.4 qts. will be sent at half the price of a peck.

	By Mail.		By Express.		
	Pint	Quart	Pint	Quart	Peck
POCAHONTAS. (New.) Very early, large ears. See page 4. Pkt. 10c. ½ pint 15c.....	\$ 25	\$ 50	\$ 20	\$ 40	\$1 75
HARRIS' EXTRA EARLY. One of the very best extra early varieties See page 11.....	20	35	15	25	1 20
PEEP-O'-DAY. The earliest; small ears of fine quality.....	18	30	12	20	1 10
Golden Bantam. Medium early, yellow kernels of fine quality By many people considered the best sweet corn.....	18	30	12	20	1 00
Premo. Very early and has large ears of good quality.....	18	30	12	20	1 00
Early Cory. Very early and hardy—red cob.....	18	30	12	20	95
Mammoth White Cory. Larger than the red Cory, and has pure white corn and is nearly as early.....	18	30	12	20	95
KENDEL'S EARLY GIANT. The earliest corn having ears so large. Very profitable for market. Ears 8 to 10 inches long, 12 to 14 rows. Ma- tures soon after the extra early kinds and brings good prices in market.	20	35	15	25	1 00
METROPOLITAN. One of the largest and best medium early kinds. Large ears, 8 to 9 inches long, 10 to 12 rows of snow white kernels of fine quality.....	18	30	12	20	95
Shaker's Early. Large ears, medium early and of fine quality. One of the best.....	18	30	12	20	95
Crosby's Early. A fine early corn, 10 to 12 rowed, ears of good size and corn is of best quality.....	18	30	12	20	95
Potter's Excelsior, or Squantum. Medium to late, large ears and the quality is of the very best.....	18	30	12	20	95
Perry's Hybrid. Very prolific, early and of large size and fairly good qual- ity. Profitable for market.....	18	30	12	20	95
HICKOX IMPROVED. Very large, 10 to 12 rowed ears, often nearly a foot long. Matures a little earlier than Evergreen , and of finer quality	20	35	15	25	1 10
Black Mexican. No corn is quite equal to this in quality. Matures medium early, kernels black when ripe.....	20	35	15	25	1 10
Country Gentleman. Late, very prolific, often 3 ears on a stalk, kernels irregular on the cob, quality very fine.....	20	35	15	25	1 00
Stowell's Evergreen. We have a fine strain of this corn.....	20	35	12	20	90
BURPEE'S WHITE EVERGREEN. An improved strain of Stowell's Evergreen with large, snow white kernels, ears large and handsome and stalks are very prolific. This is the best strain of Evergreen we have seen.....	20	35	12	20	95
Egyptian or Washington Market. Very large ears, matures late and is of fine quality. Profitable for market, very good for home use to pro- long the season.....	20	35	15	25	1 00

For price of Sweet Corn by the bushel see Wholesale Price List enclosed with this Catalogue.

POP CORN.

Cultivate the same as other corn. In growing it on a large scale we plant it in hills 3 feet apart and 4 plants in a hill. It is a profitable crop. Great care should be taken to dry the ears thoroughly as the corn does not pop well unless well matured and thoroughly dry.

White Rice. The ears are 6 to 7 inches long and the kernels are pure white and of large size. Yields well and produces a fine quality of pop corn. Decidedly the best variety to raise on a large scale for market, as it yields best and commands the highest prices. Our strain is very fine. Pkt. 5c; ½ pt. 12c; pt. 20c. qt. 35c. postpaid. By Express, qt. 25c; 4 qts. 65c; peck \$1.20.

CORN SALAD or FETTICUS.

Used for "greens" like spinach. Can be sown in the spring and fall. If given a little protection it will last a long time in the winter.

Large Round Leaved. The best variety. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

COLLARDS.

Collards, or Coleworts, are extensively grown in the southern states, where they furnish green food for the table or for stock all through the winter as well as other seasons. The seed is sown at different times from the last of May until the first of August. Set out and cultivate like ordinary cabbage.

Georgia Collards. The best variety. Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.10.

DANDELION.

The improved cultivated Dandelion is a valuable plant for "greens" early in the spring. The seed is sown early in the spring and the leaves will be ready to eat the following spring.

Large Thick Leaved. The most improved and desirable variety, with large thick leaves of excellent quality. Pkt. 10c; oz. 45c; ¼ lb. \$1.50.

EGG PLANT.



BLACK BEAUTY EGG PLANT.

One ounce of seed will produce about 1,000 plants.

This is a delicious vegetable which should be in every garden. It is also a profitable market crop. It is cultivated like tomatoes.

Black Beauty

This is a very handsome, early and prolific variety of recent introduction. It is a decided improvement over the New York Improved. While the fruit is as large as that variety, it matures much earlier and

is of a deeper and richer color. The plants are of robust growth and are very prolific. Being earlier than the New York Improved much larger crops are produced before frost. The strain of this variety we offer is very fine and produces large handsome fruit. Pkt. 10c; oz. 40c; ¼ lb. \$1.35.

NEW YORK IMPROVED (Thornless). This is a superb strain of this well-known and popular variety. The fruit grows to the largest size and is of perfect shape and deep purple color. The plants are prolific and produce fruit early and continuously. Market gardeners will find this the finest strain of New York Improved egg plant grown. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.

Extra Early Dwarf Purple. A valuable variety. Not large, but very early and prolific. Being hardier and earlier than the larger kinds, it is valuable for northern latitudes where the seasons are short. Pkt. 5c; oz. 25c; ¼ lb. 90c.

ENDIVE.

Endive is used for salad, especially in autumn and winter. It is easily grown. For fall and winter use the seed should not be sown till August or September.

Moss Curled. A beautiful variety, with very finely curled leaves. Blanches perfectly white in the center. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

BROAD-LEAVED BATAVIAN. (Escarolle). Large thick leaves of good quality. Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.10.

GOURDS.

See Flower Seed Department.

HORSE RADISH.

Horse Radish is easily grown from sets—small lengths of roots. These sets, if planted in the spring, in good, rich soil, will form large roots by fall. The sets should be planted with the small end down and the upper portion two inches below the surface.

Sets. Postpaid by Mail, 25c per dozen, 85c per 100. By express, 50c per 100; \$4.00 per 1,000.

KALE or Borecole.

One ounce of seed will produce 2,000 plants.



DWARF CURLED GREEN KALE.

Kale is used as "greens" during the winter, and is a most welcome dish when other vegetables are gone. The young and tender shoots that come out on the stalks are delicate and delicious when cooked. They are better after a few frosts in the fall. With a little protection, or when the snow is deep, Kale will stand the winter without injury. It is grown in the same way as cabbage, but for winter use the seed may be sown as late as July.

Dwarf Curled Green. The best dwarf variety. The leaves are finely curled and are of excellent quality. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c.

Tall Green Scotch Curled. The most popular variety. The plant grows three feet tall and produces an abundance of finely curled leaves, which are of the finest quality. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c.

KOHL RABI.

One ounce of seed will sow about 300 feet of row.

Kohl Rabi produces a large bulb on the stem which is used as a vegetable, and also for stock feeding. When used while young the bulb when cooked resembles a fine quality of turnip, but somewhat different in flavor. The seed should be sown in June, in rows about 2 feet apart, and the plants thinned to a foot apart in the rows.

Large Green. This variety is usually grown for stock. It is also good for the table when young. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 95c.

Early White Vienna. The best variety for the table. When the bulbs are the size of a large apple they are ready to use. The flavor of the bulb when cooked is intermediate between a cabbage and a turnip, and makes an excellent vegetable. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

Lettuce.

One ounce of seed will sow 250 feet of row.

ABOUT VARIETIES. There are two distinct classes of Lettuce. One class forms heads like cabbage, while the other merely produces loose leaves. Where lettuce is grown in the open ground and allowed to remain thick in the row, as is too often the case, the loose-leaved varieties are best. The best loose-leaved or curly varieties are **Black Seeded Simpson**, **Grand Rapids** and **Tomhannock**. When really fine lettuce is desired, and where one is willing to take some pains in raising it, the head or cabbage varieties are much the best. For forcing in the hot house or hotbed, **Improved Keene**, **Boston Market**, **Big Boston** and **Golden Queen** are the quickest to form heads, and are usually used for this purpose. For sowing in frames and transplanting to the open ground in the spring, the best varieties are **May King**, **Holyrood Hot-Weather**, **Deacon**, **Iceberg**, **Salamander** and **Wonderful**. These are also excellent head varieties for sowing in the open ground early in the spring and in the late summer and fall. For fall use seed should be sown in this latitude about the middle of August. Loose-leaved lettuce is also sown in the summer and fall, the same as the head varieties.



DEACON LETTUCE. (From a Photograph.)

edges, and are very crisp and tender and of a beautiful light yellow color inside the head. As this lettuce will produce good solid heads 10 days before any other kinds in the open ground it is a most valuable kind for either market or the home garden. Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

Salamander. One of the best varieties for summer use, as it resists hot sun better than most other kinds. It forms large compact heads of a light green color and of fine quality. We highly recommend this variety for market. We now offer a very fine strain of this popular lettuce. It forms large compact heads and we can recommend it to gardeners who want a fine large heading variety for market. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

Iceberg. One of the very best heading varieties. Forms large compact heads of very fine quality. Heads early and continues without running to seed a long time. The leaves are finely cut and curled, and of an attractive light green while the center of the head is pure white and remarkably crisp and tender. It is certainly one of the best kinds. We have a very fine strain that heads uniformly solid and compact. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.

Cos or Romaine Lettuce. **TRIANON Self-Folding.** This improved Cos lettuce makes a compact, upright growth and magnificent large heads that blanch perfectly white inside. When well grown on moist land this lettuce is of the finest quality. The mid-rib of the leaves is large, crisp, and much resembles celery. This is the best variety of this class. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20.

Deacon Lettuce. We are the original introducers of this magnificent Lettuce, which has gained for itself great popularity. It has been renamed by some California grower "San Francisco Market," and by another seed firm "Golden Gate," but "Deacon" is the original and proper name which we called it 20 years ago. It is the finest large head lettuce in existence. The leaves are smooth, thick and tender, and inside the head are nearly perfectly white and of the finest quality, being crisp, tender and fine flavored and without bitterness or coarseness.

It is important that this lettuce should have plenty of room to grow. Thin out the plants to 10 or 12 inches apart in the rows and you will have magnificent heads

This variety has also recently come into favor for raising in greenhouses and frames, as it makes magnificent large heads of finest quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

May King. We find this new lettuce to be the best very early head variety for the open ground. The heads form very quickly and are firm and of fine quality. The plant is small and practically all head, the leaves are light green slightly tinged with brown on the



"MAY KING" LETTUCE.

Pkt. 5c; oz. 15c;

LETTUCE—Packets of any of the following varieties 5c, (except where noted.)

	Oz.	¼ lb.	lb.
HOLYROOD HOT-WEATHER. A very fine new head lettuce. See page 5. Pkt. 10c.	\$o 25	\$o 65	\$2 25
IMPROVED KEENE. One of the best for forcing. See page 5. Pkt. 10c.....	20	60	2 03
BIG BOSTON. Excellent for forcing and open ground. We have a fine pure strain.....	12	30	1 00
Boston Market, or White Seeded Tennis Ball. An early head lettuce for forcing.....	12	30	95
GRAND RAPIDS. Of upright growth, curly leaves. The most popular curly lettuce for forcing.....	12	30	95
Golden Queen. Compact heads of an attractive yellow tinge. Popular for forcing.....	12	30	1 00
WONDERFUL. The largest head lettuce, heads nearly as large as a small cabbage and very hard; blanches perfectly white in the center.....	12	30	95
Denver Market. A head lettuce with curled leaves.....	12	30	90
Hanson. Large compact heads.....	12	30	90
Tombannock. Very large loose heads tinged with brown and curled at the edges.....	12	30	95
BLACK SEEDED SIMPSON. Forms a large bunch of curly leaves which are very tender especially if used while young.....	12	30	90
Early Curled Simpson. Like the above but smaller and earlier.....	12	30	90

LEEK.

One ounce of seed will sow 150 feet of row.

Leek is a kind of onion that does not form any bulb but grows in a long stem, which is blanched by drawing earth around it. When blanched in this way it makes an appetizing salad, or is eaten like green onions. Seed is sown in the spring, and the leek is ready to use in the fall.

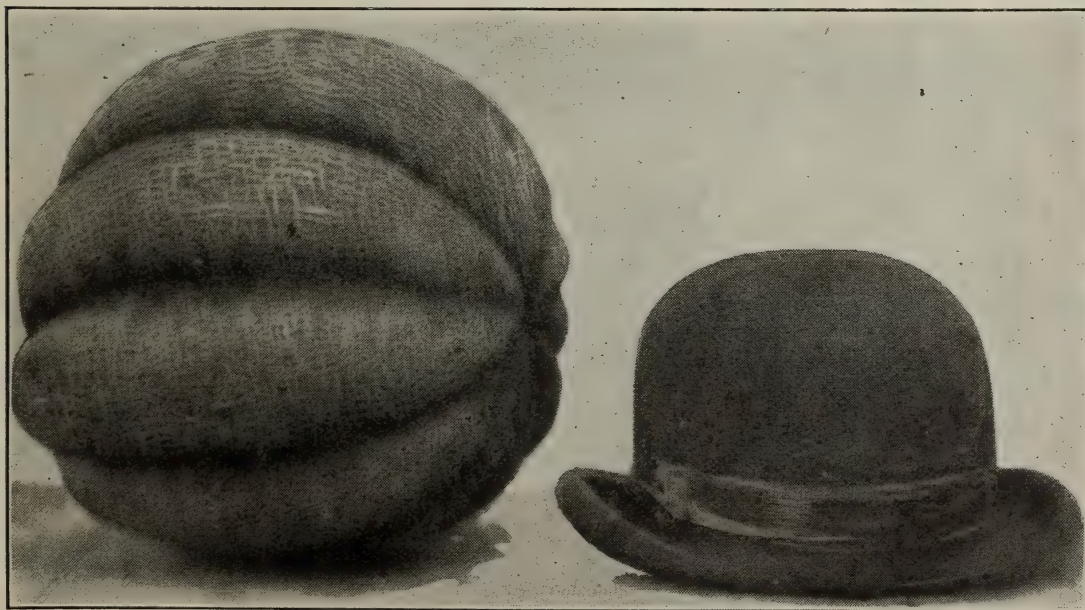
Large American Flag. The most popular variety; grows to a good size, and is straight and uniform, and of the best quality. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.10.

Musk Melons.

One ounce of seed will plant about 60 hills; 2 to 3 pounds per acre.

It is much easier to raise melons than is usually supposed, and they are so delicious a fruit that it seems strange to us that everyone who has any garden at all does not raise them. All that is required is a good, rich, well manured soil that is not too heavy and a warm sunny situation. Our pamphlet, "Cultivation of Vegetables," tells about raising musk melons. It will be sent with any order for seed if requested.

To tell when a musk melon is ripe, hold the melon off the ground by the stem; if it drops off, it is ripe, if not don't pick it.



LEWIS PERFECTION MUSK MELON. (Photograph of a Melon Weighing 17 lbs.)

Lewis' Perfection. This is the largest musk melon of fine quality we have ever raised. It was originated by a successful melon grower of Michigan who now gets over \$500 per acre for his melons. The melons are deep green with a yellow tinge when ripe, deeply ribbed, netted, and of very large size. The flesh is deep orange yellow, very thick, sweet and of delicious flavor. The melons ripen medium early and the vines are healthy and prolific. This is a great melon for market where a good price can be obtained for large melons of high quality. All who want to raise the largest melons and want them of the very best quality, should try Lewis' Perfection. Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.35, postpaid.

Hoodoo. A fine new variety especially adapted for shipping. See page 11. Pkt. 10c; oz. 18c; ¼ lb. 40c; lb. \$1.50.

Admiral Togo. Although not a large melon, this is a fine one on account of its delicious flavor and great productiveness. The flesh is of a deep orange yellow and very sweet and of a delicious sprightly flavor, quite distinct from other yellow fleshed kinds. The melons ripen early, and are produced so profusely that they nearly cover the ground among the vines. They are oblong and thickly netted, and weigh about two pounds each. When a medium size early melon is wanted we highly recommend the Admiral Togo. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Irondequoit. Nearly round, flattened at the ends and netted. Flesh orange yellow, thick, sweet and of fine flavor. Quite early and grows to a good size. Very popular in market and fine for the home garden. See page 10. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.10.

KINSMAN'S QUEEN, or IMPROVED SURPRISE. This is an early melon of large size, handsome shape and of fine quality. The fruit is nearly perfectly round, light green in color, handsomely ribbed and slightly netted. The flesh is orange colored, thick and of fine flavor. The vines are very vigorous and remarkably productive. This melon resembles the Surprise, but is an improvement on that popular variety in size, shape and uniformity. This is a very profitable variety to raise for market and is excellent for home use. Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

Long Island Beauty. A very fine large green flesh melon. The fruit is flattened at the ends, ribbed and closely netted and is very handsome. Not quite so sweet but of more sprightly and agreeable flavor than most of the yellow flesh varieties. Ripens early and is one of the very best large green flesh melons. Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

Emerald Gem. The earliest and finest flavored Musk Melon. There are few varieties equal to this for home use. While the fruit is not large, it ripens very early and is produced in great abundance. The melons are round and dark green. The flesh is orange or salmon colored, thick, sweet and of delicious flavor. There is no melon of finer flavor. The fruit is not firm enough for shipping, but for home use it has few equals. The Emerald Gem can be relied on to produce a good crop of fruit even in unfavorable seasons, when other larger and later kinds would fail to ripen. Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

Rocky Ford. This is the variety which has made good melons. Rocky Ford, Colorado so famous for its good melons. It is a fine strain of Netted Gem. The fruit is oval in shape and covered with fine netting. It is of medium size and very uniform. The flesh is very sweet, yet has the peculiar sprightly flavor so much desired in a musk melon. It is medium early and prolific. Although the melons are rather small, there are so many of them on a vine that they yield as much as larger kinds. We have some pure seeds of the genuine Rocky Ford strain. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c.

Burrell's Thoroughbred Rocky Ford. A superior "Thoroughbred" strain. See page 10. Pkt. 10c; oz. 18c; ¼ lb. 35c; lb. \$1.10.

Miller's Cream or Osage, Extra Selected Strain. We consider this one of the best melons for home use and also for market where it is known. The fruit grows to a large size, is oblong in shape, and dark green with slight netting. The flesh is deep orange color, very thick, deliciously sweet and high flavored. The melons are uniformly of high quality, which cannot be said of many other varieties. While not a very early kind, yet the fruit will ripen perfectly in this latitude, and the vines are quite prolific. We highly recommend this variety to all who want good size melons of very fine quality.

The seed we offer is a very fine selected strain and will produce melons of uniform shape and quality, with more netting than is usual with this variety. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

FINE GREEN NUTMEG. An old favorite. Round, thickly netted fruit. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 90c.

Grand Rapids. A large, very early melon, oblong in shape, slightly ribbed and nearly yellow when ripe. The flesh is deep yellow, sweet and of fairly good flavor. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

New Early Hackensack. An early strain of the well known Hackensack. One of the best green fleshed melons for home use or market. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.

HACKENSACK. The most popular market melon; round, ribbed, and thickly netted; handsome and of fine flavor. Our strain of this variety is very fine. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.

MONTREAL MARKET. When well grown this is one of the largest handsomest, and best flavored melons. It is rather late and requires good culture, but will repay for the extra trouble by producing magnificent fruit of the largest size, thickly netted and deep ribbed. Flesh green, very thick and high flavored. Pkt. 5c; oz. 15c; ¼ lb. 40c.

WHITE JAPANESE. A remarkably high-flavored melon. So strong is the flavor, in fact, that it is objected to by some on this account, but by others considered delicious. Fruit round, cream colored, with orange colored flesh. Our stock of this variety is exceptionally fine. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.

NETTED GEM. One of the earliest melons. Fruit of medium size, oval, and thickly netted; green flesh, sweet and high flavored. Vines very prolific. A very satisfactory variety for inexperienced growers. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c.

Water Melons.

One ounce of seed will plant about 25 hills; three pounds will plant an acre.

Any one who has light sandy soil can raise good water melons. Directions for culture will be sent with seed if requested.

Harris' Earliest. This, we think, is the best very early water melon. We regret however that we have no seed to offer this season as the crop failed.

FORDHOOK EARLY. One of the earliest varieties, and has good large fruit of very fair quality, but not quite as sweet as some of the later kinds. There is no other kind except Harris' Earliest that ripens so early and produces such large melons. The fruit is oval in shape and grows to a large size. The flesh is bright red, sweet and of good flavor. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 95c.

Halbert Honey. A new melon having a remarkably rich, sweet flavor, much superior to other water melons. It is also medium early and can be successfully raised in some of the northern states. The melons are quite long with blunt ends. The color is deep green. The rind is very thin, the rich, deep red, sugary flesh extending within an inch of the outside shell. The rind is rather thin for

a good shipping melon, but for home use or near-by market this is a most superior variety. All who want really delicious, high flavored water melons should plant the Halbert Honey. Our seed is of the true Halbert strain and we offer it at the following low prices: Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c.

KLECKLEY SWEETS. This melon has become famous for its high quality. There is nothing finer in the way of water melons than the delicious, sweet, high flavored flesh of the "Kleckley Sweets." The melons are quite long, dark green and with very solid, crisp, bright red flesh with white seeds. It grows to a large size and is always of a superb quality. It is medium early and can be successfully raised anywhere south of New York State. We offer seed of the true Kleckley strain. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c.

MOUNTAIN SWEET. A large, medium early variety that has long been very popular. The melons are oblong in shape, deep green and have bright red flesh of high quality. Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 50c.

Hungarian Honey. One of the very best early melons for home use. The melons not only ripen early but are deliciously sweet with firm solid deep red flesh and small seeds. The fruit is nearly round and of medium to small size. Those who want an early melon of high quality should plant this variety. Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

ICE CREAM or PEERLESS. (White Seeded.) Early, and of delicious flavor. Fruit oblong and light green. On account of its earliness and fine quality this is a very desirable melon for home use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.

Mammoth Ironclad. Very large, handsome, oblong melons, dark green, beautifully striped with lighter green. Flesh firm, solid and sweet, and surrounded with a very hard and tough, though thin rind, which makes it valuable for shipping. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.

GREEN CITRON, for Preserves. This melon is used exclusively for making preserves. The rind is thick and clear white and makes preserves of excellent quality. Cultivation similar to water melons. The fruit is round, striped and handsomely marbled. Very hardy and productive. Red seed. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 55c.

MUSTARD, for Salad.

FORDHOOK FANCY. A new and beautifully curled mustard that is not only very handsome but is of very mild, pleasant flavor. The leaves are curled and fringed, and the plant remains longer without running to seed than other kinds. This is certainly the finest variety for salads and garnishing. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c.

Giant Southern Curled. Grows nearly 2 ft. high and has finely curled leaves which are excellent for salad. Very popular in the south for sowing in the fall for use in the winter and early spring. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 60c.

White London. Used while young for salad. The seed is used for flavoring pickles. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 40c.

One ounce of seed will sow
150 feet of row.

Our Onion Seed.

We take considerable pride in our different strains of onions, and from the fact that our sales have more than doubled in the past two years we infer that our efforts to furnish the very best seed that we can grow is appreciated by our customers.

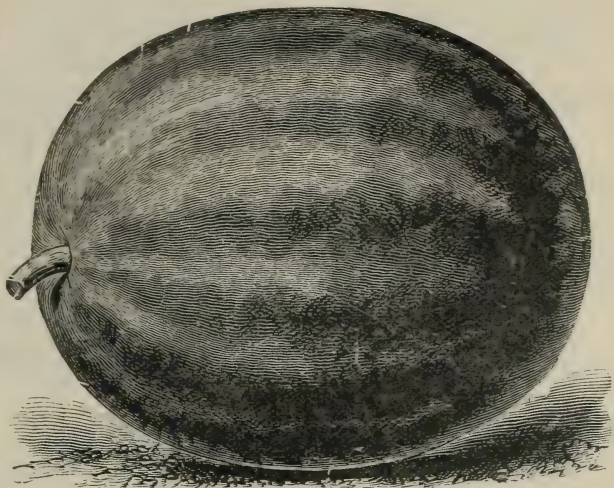
Eastern Grown Seed. In the judgment of most experienced onion growers eastern grown seed is superior to seed grown in California where nine-tenths of the seed sold is now grown. California grown seed can be sold at a much lower price than eastern grown, but it does not produce as early and even a crop as seed produced

Onions.

It requires about six pounds
of seed per acre.

here. It costs much more to raise onion seed in the east but it is worth many times as much as that grown in California.

Germination Tests. It is quite important for an onion grower to know just what per cent of the seed will germinate so that he can judge how thick to sow in order not to waste the seed or get the crop too thin. All the seed we sell is given thorough tests for germination, and the exact results from such tests are marked on each package of seed so that the purchaser can tell just what proportion of the seed is of good vitality. This ought to be worth a good deal to any grower.



FORDHOOK EARLY.

Harris'
Superior
Onion
Seed.



Round Yellow Danvers. Yellow Globe Danvers. Harris' Red Globe. Southport White Globe.

The
Best
Seed
Grown
Regardless
of
Price.

Our Selected Strain of Yellow Globe Danvers.

The Yellow Globe Danvers has long been the most popular Onion, and we have bred up a very fine strain of it which for uniformly fine shape and color and good keeping qualities we think has few equals in this country. Before setting out the onions for seed they are carefully sorted, and all that have large "necks" or light color or not of the right shape are rejected. We often throw out 25 bu. out of a hundred. This makes the seed cost a great deal more than when raised in the ordinary way, but it is worth many times as much. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00., postpaid.

Mr. E. D. Hopkins of Hillyard, Wash., reports his onion crops as follows: Philadelphia Danvers (Johnson) 552 bu. per acre; Prize Taker (Johnson) 690 bu. per acre; Harris' Selected Danvers, 897 bu. per acre.

ROUND YELLOW DANVERS. This strain produces bulbs that are flatter than the Globe Danvers, but otherwise similar to that variety. The onions mature a little earlier. Desirable where seasons are short, and also for raising onion sets. Our seed is first-class in every way. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.65.

SOUTHPORT YELLOW GLOBE. A very handsome onion of perfect globe shape and good deep yellow color. A little later than the Danvers and requires higher culture. We have a first-class strain of this popular variety. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.20.

HARRIS' RED GLOBE. (Southport Red Globe.) This is a very fine selected strain of the well-known Southport Large Red Globe onion and is the finest red onion grown. The bulbs grow very large and are of perfect globe shape, very deep through and of the darkest red color. The onions have small necks and are smooth and handsome. They keep better than any other variety and are of mild flavor. This onion is most profitable when grown on soil especially adapted to onions. It requires a little longer season to mature than Yellow Danvers or Red Wethersfield. For experienced onion growers who want to raise the very finest red globe onions this strain will be found unsurpassed. Our eastern grown seed produces firmer and deeper colored onions than western grown seed. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25, postpaid.

Prizetaker. This variety produces the largest and finest onions grown in this country. Single bulbs grown under favorable conditions often weigh 3 to 4 pounds each, and much heavier weights have been attained. The onions are of a light yellow color, globe shaped and of very mild, pleasant flavor. While these onions can be grown by sowing the seed in the ordinary way in the open ground, yet the largest and finest specimens are obtained by sowing the seed in shallow boxes in February or March and transplanting to the open ground as soon as the weather is warm enough. The Prizetaker requires two weeks longer to mature than Yellow Danvers. Our American grown seed is much superior to imported seed for use in this country. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.65, postpaid.

EARLY LARGE RED. (Flat.) This is the earliest large red onion. The bulbs are large around and flattened and are firm and of fine quality. This onion will yield large crops even where seasons are short and the soil not perfectly adapted to onions, as the bulb matures very early. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.35.

LARGE RED WETHERSFIELD. A very large deep red onion that matures early and succeeds well everywhere. The bulbs are flattened, very large around, solid and of fine quality. A good keeper. One of the best red onions for home use or market where a globe-shaped onion is not required. Our seed is of an extra fine strain. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.95, postpaid.

SOUTHPORT WHITE GLOBE. This is the largest and finest white onion. The bulbs are of perfect globe shape, very firm and solid, perfectly white and of fine quality. In the hands of experienced

growers this is a very profitable onion, as it always commands the highest price. Our seed is of the true Southport strain, grown from selected bulbs, and will be found all that can be desired and much superior to the western grown seed usually sold. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$3.15, postpaid.

AUSTRALIAN BROWN. This is a variety possessing remarkable keeping qualities. These onions have been kept in perfect condition the year around. The onions are of medium size, somewhat flattened, but deep through and of a light reddish brown color. They mature very early, being two weeks earlier than Yellow Danvers. The bulbs are very firm and ripen up hard and smooth with very small necks. The flavor is mild and sweet. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 45c; lb. \$1.60, postpaid.

White Portugal, or Silverskin. An early, flat, white onion of large size and mild flavor. Excellent for family use or market matures earlier than Yellow Danvers and keeps very well. Largely sown for sets. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.40.

EARLY WHITE PEARL. A very early white onion that grows to a good size and is of very fine quality. The onions are flat, about $2\frac{1}{2}$ to 3 inches in diameter, and pure white. They mature very early, and as they attain a good size, they are profitable for early flat market. They do not keep well and should be all marketed before late in the winter. This variety is of a mild, delicate flavor, and is a desirable kind for home use as well as market. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 50c; lb. \$1.85, postpaid.

EXTRA EARLY BARLETTA. This remarkable little onion is a wonder for rapidity of growth and early maturity and evenness in size and shape. It is the handsomest and most perfect white pickling onion grown. When sown thickly they will grow to about the size of a cherry, perfectly round, pearly white and of very mild flavor. A most profitable onion to raise for market, as white pickling onions are always in demand and bring high prices. With this variety it is no trouble to get large yields of perfect little white onions of even size that bring the highest prices. The seed can be sown as late as July first, and mature a crop before fall. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 45c; lb. \$1.65, postpaid.



EARLY BARLETTA ONION.

ONION SETS.

One quart will set 75 to 100 feet of row, depending upon the size of the sets.

Onion sets are used to produce onions earlier than they can be procured from seed. By using sets, large, ripe onions can be had in July or August and green "bunching" onions early in the spring.

Our prices are subject to change without notice. They will probably rule about as quoted below. Please write us for prices on what quantity you need. You cannot get as good sets cheaper anywhere.

YELLOW SETS. Small and sound. By mail, pint. 20c; qt. 35c. By express, qt. 25c; pk. \$1.00; bu. (35 lbs.) \$3.50, subject to market changes.

WHITE SETS. (Silverskin.) By mail, pt. 25c; qt. 40c. By express, qt. 30c; pk. \$1.10; bu. (35 lbs.) \$4.00, subject to market changes.

Egyptian or Perennial Tree Onion. This is a distinct variety of onion that when once started will come up every year as soon as the frost is out of the surface soil, and will produce green bunching onions earlier than any other variety, and requires very little care. If the sets are set out in the spring they will divide and produce five or six new green onions the next spring from each set. They do not produce ripe onions. Sets by mail, pt. 18c; qt. 35c. By express qt. 25c; pk. 90c; bu. \$3.00.

OKRA, or Gumbo.

Used for thickening and flavoring soup. The pods contain a large amount of gum which imparts a thickness and softness, as well as flavor to the soup. Directions for use can be found in any good

cook book. The seed should be sown in the open ground when the ground is thoroughly warm. In this latitude about June 1st. The pods should be picked and dried while green.

WHITE VELVET. A distinct and valuable variety. The pods are large, round and smooth, and not ridged like the old varieties. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

PERFECTED PERKINS' LONG POD. This variety is now used almost exclusively by the soup canners, as the pods are of a deep green color and of fine quality and the plant is very prolific. The "Perfect" strain we offer is the finest yet produced. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

PARSNIPS.

One ounce of seed will sow 150 feet of row; 6 lbs. per acre.

Harris' New Model. By very careful selection of roots for seed purposes we have produced a strain that we think is very much superior to that usually sold. The parsnips grow to a medium length and are very smooth, without small roots or prongs, and are snow white—much whiter than other kinds and therefore more attractive in market. See page 12. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

IMPROVED GUERNSEY HALF LONG. The roots grow to a medium length and do not taper as much as the older kinds. They are very smooth, even in shape, easily dug, and are fine grained, sweet and tender. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Long Hollow Crown. Long, smooth and straight and of fine quality. We have a fine strain of this popular variety. Same price as Improved Guernsey.

PARSLEY.

One ounce of seed will sow 150 feet of row.

Dwarf Perfection. This is without doubt the finest semi-dwarf habit, very compact and of a beautiful bright green, while the leaves are very finely cut and curled. See page 7. Pkt. 5c; oz. 25c; ¼ lb. 75c.

Champion or Triple Moss Curled. We have a very fine improved strain of this parsley, which produces very finely curled leaves of a dark green color and uniform appearance, all the leaves being very finely cut and curled. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 40c.

Extra Double Curled. A finely curled parsley. Very dark green. The leaves are not as finely cut and curled as above kind. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 40c.

Turnip-rooted or Hamburg. The roots are used instead of the leaves. We offer an improved variety called "Thick Sugar" which has nice smooth, white roots of medium length and large around and of fine sweet flavor. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 50c.

PEPPERS.

One ounce of seed will produce 1,000 plants. Seed should be sown early in hot beds.

NEW "GIANT CRIMSON." As large as Chinese Giant, earlier and more prolific. See page 6. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

NEW "GIANT CAYENNE." Much larger than the old cayenne pepper and the flavor is equally pungent. See page 6. Pkt. 10c; oz. 40c.

NEAPOLITAN. The earliest large pepper grown. This new pepper is two or three weeks earlier than other large kinds, and is so early that the seeds can be sown in the open ground and produce ripe peppers before frost in this latitude. This saves lots of trouble in raising plants in hotbeds and transplanting them. If the plants are started early the peppers will be ready to use in July, and earlier farther south. The peppers are of good size, a little longer and not quite so thick through as Bull Nose or Ruby King. They are produced upright on the plants, and as many as 30 or 40 have been counted on a single plant. The fruit is mild and of sweet, pleasant flavor, and of a very bright red. Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.35.

Chinese Giant. The largest red pepper grown. The fruit often measures four or five inches high and as much in diameter. It is a "sweet pepper," being very mild flavored and has thick flesh. It is about as early as Ruby King and nearly double its size. Our seed is of the finest strain of the genuine Chinese Giant, and fully equal to any seed offered at any price. Pkt. 10c; oz. 35c; ¼ lb. \$1.20; lb. \$4.50.

Sweet Mountain. An early large sweet red pepper with fruit of good size, about the shape of Bull-Nose. Flavor mild like that of Ruby King, and the fruit ripens earlier than that variety. The plant is quite prolific and will produce a great many peppers if they are kept picked as fast as they mature. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.

Ruby King

The most popular large red pepper. We have a very fine selected strain that produces fruit of the largest size, handsome shape and bright red color, with mild and pleasant flavor. The plants are more prolific than most strains of this variety, and the fruit ripens earlier and is of better shape and quality. Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.35.

LARGE BELL, or BULL NOSE

One of the hardest, earliest and best varieties. Bright red, thick flesh and mild. If the seed is

is sown in the open ground early in May, in good rich soil, the fruit will ripen perfectly before frost. It is better, however, to raise the plants in a hotbed. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Cayenne. Best for seasoning pickles. Enormously productive. The peppers are long and slim, bright red when ripe, and of sharp pungent flavor. Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.25.

GOLDEN DAWN. The best and largest yellow variety. The peppers when ripe are of a beautiful golden yellow, of fine shape, and of sweet, pleasant flavor. Early and very productive. Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.25.

PEPPER PLANTS. We can furnish Pepper Plants in large or small quantities at very reasonable prices. See Price List at back of this catalogue.

Peas.

One Quart will sow 100 feet of row. Two bushels per acre.

There is a great difference in Seed Peas of the same variety. Some are mixed and produce poor, half-filled pods, while others are pure and bear even crops of large well-filled pods. The difference is in the way the seed is grown.

Our Seed Peas are all grown in the north, and are of the earliest and hardest as well as the purest strains. They are far superior to most of the Seed Peas sold. They will produce an even crop of well-filled pods, which cheap and carelessly grown seed will not do.

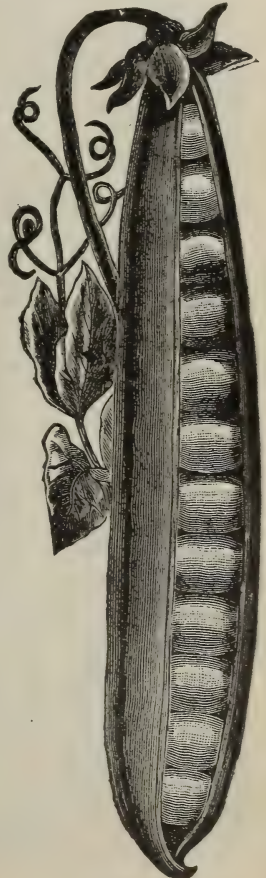
A FEW WORDS ABOUT VARIETIES.

The small early peas, such as Alaska and First and Best, are valuable principally because of their earliness and hardness. They can be sown while some frost is still in the ground, while if the larger and sweeter peas were sown at the same time the seed would rot.

To get peas as early as possible, ALASKA, or FIRST and BEST should be sown as soon as the frost is out of the ground. For family use, however, it is better to wait a little and sow SURPRISE which is as early as ALASKA and of far better quality. To follow these closely NOTT'S EXCELSIOR or SUTTON'S EXCELSIOR are best, as they are very early and of fine quality and prolific. A little later than these come DUKE of ALBANY, TELEPHONE, and HEROINE, and many other fine varieties with large pod and of very fine quality. For very late, NEW QUEEN and JUNO are best. The New Queen is especially fine, having very large pods and peas of the finest quality, and continue to bear very late, but is not quite as prolific as Juno.

These varieties all sown at the same time (except Alaska and Ameer, which should be sown earlier), will give a continuous supply of the finest peas for a long time. By sowing some Heroine or Dwarf Champion two or three weeks later the season may be prolonged still further.

QUANTITY TO SOW. Very few people sow enough peas. For a family of five or six people the following quantities should be sown to furnish a liberal quantity nearly every day: 1 qt. Alaska or Surprise for first early; 2 qts. Nott's Excelsior or Sutton's Excelsior; 1 qt. Duke of Albany, Alderman, or Telephone; 1 qt. Heroine; 1 qt. New Queen or Juno.



HEROINE PEA.



RUBY KING PEPPER.

SOME PEAS OF SPECIAL MERIT.

Ameer. Pods as large as Telephone, and a week to ten days earlier. Think what that means. With these peas you can get large podded peas into the market a week earlier than other people and get the highest prices. The pods are as large as those of Gradus and nearly as large as Telephone, while they are fully as early as Gradus and the vines will produce twice as many. We know of no more profitable pea than this for market. The peas are large, deep green and slightly wrinkled. The pods are very large, broad and creased on the back. The vines are stocky, strong growers and very prolific. The seed is perfectly hardy and can be sown as early as Alaska, while the pods are twice the size of that variety and mature only a few days later. We are sure this will prove a most profitable variety for all who try it this year. See price list below.

Surprise or Eclipse. This is the earliest sweet wrinkled pea. It is only a day or two later than Alaska, and is of far better quality. The pods are of fair size and the vines are very prolific. One of the very best early peas and we highly recommend it for family use. See price list below.

New Dwarf Champion. Like the old Champion of England, but does not grow so tall and therefore the vines need no support. The pods are of good size and the vines are very prolific. The peas are of the finest quality. Certainly one of the very best medium late peas. See price list.

Alderman. A new and very fine Pea for main crop. The pods resemble Telephone but are larger, deeper green and better filled, while the vines are of more robust growth and more prolific. It is really an improved Telephone. (See price list below.)

Sutton's Excelsior. The best early dwarf peas we know of. See description page 11.

Nott's Excelsior. The earliest dwarf pea. Plant grows only about a foot high and needs no support. Pods are of good size and well filled and the quality of the peas is delicious. One of the best for home use and market.

Heroine. This is one of the very best late or main crop peas either for home use or market. The pods are immense, being 5 to 6 in. long, and the peas are large, deep green and of delicious sweetness and flavor. The vines grow about 3 ft. high and produce large crops of their immense pods. This variety should be better known and more largely planted. See price below.

New Queen. This is the best very late variety we know of. It is valuable to prolong the season for green peas. Everyone should sow some for home use. The pods are very large and the peas are of the finest quality. See price list below.

PEAS—EARLY VARIETIES.

	By Mail.			By Express.			
	½ Pt.	Pint	Quart	Pint	Quart	4 Qts.	Peck
Alaska. The earliest Pea. Pods of medium size, well filled.....	\$0 13	\$0 22	\$0 40	\$0 15	\$0 25	\$0 85	\$ 1 60
SURPRISE, or Eclipse. Earliest sweet wrinkled pea.....	13	22	40	15	25	85	1 60
AMEER. Early, large pods. See description above.....	13	23	40	15	25	90	1 65
THOMAS LAXTON. Very early, large pods, profitable for market. Much more prolific than Gradus.....	14	25	45	17	30	95	1 80
First and Best, or Earliest of All. A fine strain of extra early peas	12	20	35	12	20	60	1 10
SUTTON'S EXCELSIOR. Larger than Nott's. See page 11.....	14	25	45	17	30	1 00	1 90
NOTT'S EXCELSIOR. Earliest dwarf pea.....	13	23	40	15	25	85	1 60
GRADUS, or "Prosperity." Early, large pods, finest quality ..	15	30	50	20	35	1 10	2 00
McLean's Little Gem. An early dwarf pea, growing 15 in. high..	13	23	40	15	25	80	1 50
Premium Gem. A fine strain of Little Gem, early and prolific...	13	23	40	15	25	80	1 50
American Wonder. Formerly considered the earliest dwarf pea, but it has been largely superseded by Nott's Excelsior.....	14	25	45	17	30	90	1 70

MEDIUM AND LATE VARIETIES.

CARTER'S DAISY, or Dwarf Telephone. Grows 18 in. high and has pods of the largest size and peas of the finest quality. The best dwarf medium late pea.....	14	25	45	17	30	1 00	1 85
NEW DWARF CHAMPION. See description, above.....	14	23	40	15	25	75	1 45
Horsford's Market Garden. Valuable for market or home use. Grows 2 ft. high, is very productive and of finest quality. Pods of medium size.....	14	25	45	17	30	95	1 80
DUKE OF ALBANY, or American Champion. Very fine, large pods and peas of finest quality. Much like Telephone, but better	14	25	45	17	30	95	1 85
ALDERMAN. An improved Telephone. See description above.	14	25	45	17	30	95	1 85
HEROINE. One of the very best late kinds. Very long pod well filled with deliciously sweet, dark green peas. 3 ft. tall.	13	23	40	15	25	65	1 25
TELEPHONE. A pea of finest quality, sweet and delicious. Grows 3 to 4 ft. tall with pods of the largest size. Our stock of this peas is exceptionally fine, far superior to ordinary Telephone	14	25	45	17	30	95	1 80
Long Island Mammoth, or Telegraph. Large pods, hardy and prolific. We have a very fine improved strain.....	12	22	40	15	25	75	1 40
McLean's Advancer. A very prolific second early variety.....	12	22	40	15	25	80	1 50
JUNO. Very prolific, large pods. One of the best kinds for main crop	12	20	35	12	20	65	1 25
NEW QUEEN. Finest large very late pea. Vines 4 ft. high....	14	23	40	15	25	75	1 40
Champion of England. The standard for quality. Grows 4 to 5 feet tall, very prolific, and still one of the best late peas....	12	20	35	12	20	70	1 35
Improved Stratagem. A very large fine pea, growing about 20 inches tall, strong and stocky. Late.....	14	25	45	17	30	95	1 80
Yorkshire Hero. Bears large, well filled pods, on stocky, vigorous vines. A first-class late pea. 1 ½ feet tall.....	13	23	40	15	25	75	1 45
Dwarf White Marrowfat. Does not grow quite as tall as the old Marrowfat.....	10	18	30	10	15	45	75
Large White Marrowfat. Very popular for many years.....	10	18	30	10	15	45	75
Mammoth Melting Sugar. Edible pods. The largest and finest of this class; vines grow tall and are very prolific.....	14	25	40	17	30	90	1 70

For prices in larger quantities see our Market Gardeners' Wholesale Price List.

PUMPKINS.

One ounce of seed will plant about 25 hills.

CALHOUN PUMPKIN. This is one of the best pumpkins for pies we have ever grown. It does not grow very large, but the flesh is often three inches thick and very solid, so much so that it does not require boiling down like other pumpkins. The pumpkins are round, ribbed and of light cream color. The flesh is thick, sweet and fine grained, and the vines very prolific. Pkt. 5c; oz. 20c; ¼ lb. 25c; lb. 75c.

Winter Luxury, or Improved Sugar Pumpkin. A small round yellow pumpkin, having, very fine grained and sweet flesh, excellent for pies. There is a good demand for these sugar pumpkins in

market; as they are very productive they make a profitable crop. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

MAMMOTH POTIRON (also called "King of Mammoths" and "Jumbo.") The largest pumpkin grown, often weighing 200 pounds. Salmon colored skin, flesh thick and of good quality. Pkt. 5c; oz. 12c; ¼ lb. 25; lb. 85c.

CONNECTICUT FIELD, or "Big Tom." The common large yellow pumpkin; the best to grow among corn for stock feeding or pies. Our strain of this variety is very fine and produces the largest and handsomest pumpkins. Pkt. 5c; oz. 8c; ¼ lb. 13c; lb. 35c. By express, 25c. per lb., 5 lbs. at 20c. per lb.

LARGE CHEESE. Fine grained and sweet. Large fruit, mottled light green and yellow. The best variety for the South. Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 55c.

Radish.

One ounce of seed will sow 75 to 100 feet of row.

For sowing in frames or greenhouses Early Scarlet Globe is the most popular variety. It is also good for sowing in the open ground.

Very fine radishes can be grown in the open ground by sowing the seed late in the summer. At this time the maggots do not trouble them, and they grow large and smooth in the cool fall weather.

Crimson Giant Globe. A new forcing radish that grows much larger than other kinds without becoming hollow or pithy. It can be allowed to grow to twice the size of the other early kinds and still retain its fine quality, being solid and crisp. The radishes are globe shaped, bright red and have small tops. It grows with great rapidity, and gets large enough to use as early as any kind, but in order to attain its full size it should be allowed to grow a little longer. The radishes are of fine globe shape and of a bright attractive color, while the flesh is pure white, mild and of best quality. Gardeners will find this a profitable kind for forcing, as its large size and handsome appearance make it sell at a premium in any market. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c, postpaid.

Early Scarlet Globe. called also "Red Rocket," "Startle" or "20 Days." A very early globe-shaped radish, suitable for forcing or open ground. The radishes are of handsome shape, attractive bright red, and are crisp, solid, and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain, all French grow and will be found unsurpassed. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c. By express, 45c. per lb.

EARLIEST SCARLET GLOBE SHORTLEAF. Grows more oval in shape than the Early Scarlet Globe and is very popular for forcing. It is the finest and earliest strain of olive-shaped radish grown, no matter under what name it is sold. It has very short leaves and makes a remarkably rapid growth and is not hollow or pithy. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c. By express, 55c. per lb.



EARLIEST SCARLET FORCING RADISH

EARLIEST SCARLET FORCING. called also "Scarlet Button" and "Dark Red Ball." This is the best and earliest round or turnip shaped radish for forcing or open ground. It grows as round as a ball with very short leaves and is of a deep scarlet color. It grows with great rapidity, often getting large enough to pull in 18 days from sowing the seed. This radish is very popular for forcing and open ground, and our strain will be found unsurpassed. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c. By express, 45c; 5 lbs. at 42c per lb.

EARLIEST SCARLET WHITE-TIPPED. Also called "Rosy Gem" and "Rapid Forcing." This is the same as the earliest Scarlet Forcing except that each radish is tipped with white, making them very handsome when bunched or on the table. Pkt. 5c; oz. 8c; ¼ lb. 20; lb. 60. By express, 50c per lb.

New Icicle. This new white radish grows with remarkable rapidity, and is valuable for forcing as well as for open ground. The radishes are long, straight, pure white, and about the same size nearly the whole length. This radish is earlier than White Vienna of Lady Finger and is of very fine quality. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c, postpaid. By express, 50c per lb.

FELTON'S IMPROVED WHITE BOX. A magnificent large, rapid growing white radish. Very handsome and attractive in appearance, solid and of best quality. This radish is as round as a ball, with small root and tops and has pure white skin. It is the best white radish for forcing or outdoor culture. This strain is much superior to the Philadelphia White Box radish, as it has smaller tops and matures earlier. Although not as early as some of the small red varieties, it is so large and handsome that it brings the highest price in market. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

PRICE of the following varieties: Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c. By express, 50c. per lb.

Long Scarlet Short-Top. Grows 6 to 8 inches long; is straight, smooth and bright scarlet, and of the best quality.

CHARTIER. The best long radish. Larger around than above and not quite so long. Smooth, straight, bright red, with white tip. Very handsome and of fine quality. Remains for a long time before getting stringy.

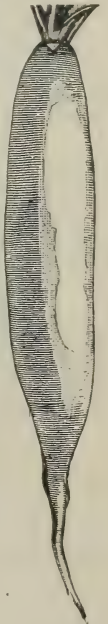
New Golden Yellow. These bright golden yellow radishes are a pleasant contrast to the common red and white varieties, while the quality is equally good. The radishes grow very rapidly and can be used for forcing or to grow in the open ground.

Wood's Early Frame. The best long red radish for forcing.

French Breakfast. Olive-shaped, with white tip; crisp and tender.

Round White Turnip. Early round white variety.

White Strasburg. A first-class long white radish for summer use; will remain crisp and tender even when very large.



ICICLE RADISH

Winter Radishes.

These varieties should be sown in July and August. They do not succeed if sown in the spring. They are excellent for fall and winter use, and will keep a long time in sand in the cellar.

CHINESE ROSE. One of the very best varieties. Roots five or six inches long and two inches in diameter. Bright rose color; flesh white, crisp, and of mild, delicate flavor. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c.

Long Black Spanish. A long smooth radish, nearly the same size at the bottom as at the top, and of dark brown color, nearly black. Flesh white and solid. Popular in market. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 55c.



CHINESE ROSE

Black Spanish Turnip. Similar to the above except in shape, which is short and round like a turnip. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 50c.

California Mammoth White. Very large; pure white, roots long, straight and smooth. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 60c.

RHUBARB, or Pieplant.

The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. The seed

must be sown in fine rich soil and the seedlings must have good care.

Myatt's Linnaeus. The earliest and best variety. The stalks grow very large, often two inches wide, and are light green and scarlet. Seed of our own growing from very fine plants. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 90c.

RHUBARB ROOTS of above variety. By mail 1 year roots, 15c each; 6 for 75c. By express, 1 year roots, 8c each; 75c per dozen. 2 year roots, 12c each; \$1.00 per dozen; \$5.00 per 100.

Spinach.

One ounce of seed will sow 75 feet of row. It requires about 15 pounds of seed per acre.

Sow in early spring for summer use and in September to winter over for early spring use.

The Best Spinach Seed.

in the world is grown in Holland, and as we have had a large quantity of the different varieties grown for us by one of the most careful growers there, we are able to offer some exceptionally fine seed at lowest wholesale prices. Market gardeners will find this seed of the very highest quality. For prices on large lots see our Wholesale Price List.

NEW "LONG SEASON" SPINACH. New and valuable variety. See page 6. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 35c., postpaid. By express, 25c. per lb.

VICTORIA. The great value of this spinach is its habit of remaining a long time in good edible condition without going to seed. It is especially valuable on this account for spring sowing. The leaves are thick, broad, dark green, and somewhat curled, and of the best quality. It is also perfectly hardy and can be sown in the fall for spring use. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 12c; lb. 28c. By express, 18c per lb; 5 lbs. or more at 14c. per lb.

NORFOLD SAVOY-LEAVED (also called Bloomsdale). A very handsome variety, with curled or blistered leaves like a Savoy cabbage. Quality the very best; very hardy and excellent for fall sowing to winter over. Our strain of this variety is exceptionally fine. Price same as Victoria.

Large Thick Leaf Viroflay. Very large, thick pointed leaves of good quality. Very slow to go to seed, and on this account valuable for spring sowing. It is also perfectly hardy and can be sown in the fall. Price same as Victoria.

LONG STANDING. (Enkhuizen strain.) One of the best varieties to sow in the spring, as it remains longer without going to seed than other kinds. Can also be sown in the fall as it is perfectly hardy. Leaves large, thick, round, dark green and fine quality. The strain we offer, grown at Enkhuizen, Holland, is exceptionally fine. The leaves are larger and thicker and the plants remain longer without running to seed than the ordinary Long Standing. Price same as Victoria.

Prickly or Winter. Prickly seed; narrow leaves of rather inferior quality. Very hardy and used for fall sowing to winter over. Price same as Victoria.

NEW ZEALAND SPINACH. (TETRAGONA EXPANSA) This is not a true spinach, but a plant that can be used for the same purpose. Produces an abundance of leaves on stems a foot or more in length. Will grow during hot, dry weather when other spinach would be useless, continuing to furnish nice "greens" all summer. The leaves and stems are tender and of excellent flavor. Sow the seed in May in rows two feet apart. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



NORFOLK SAVOY-LEAVED.

Squash.

One ounce of seed of summer varieties will plant 35 hills; of winter varieties 20 hills; 3 or 4 pounds of seed per acre.

SUMMER VARIETIES.

NEW GIANT CROOKNECK. This improved strain of the old Yellow Summer Crookneck Squash is as early as that variety, while the fruit grows nearly twice the size. The squashes are deep golden yellow, and very warty. Vines grow larger than the old smaller variety. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Early Bush Crookneck. The old popular Yellow Crookneck Squash. The vines grow only 2 ft. long so can be planted near together. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 60c.

MAMMOTH WHITE BUSH SCALLOP. The fruit is round, pure white and scalloped around the edges. This squash is of excellent quality for summer use. Our strain is the improved Mammoth which produces fruit much larger than the old kind and is equally early. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Early Yellow Bush Scallop. The same as White Bush Scallop described above except that the fruit is yellow and has yellow flesh. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 70c.

FALL AND WINTER VARIETIES.

BOSTON MARROW. An excellent fall squash well known and popular in market. Fruit of good size, deep orange yellow, and with thick flesh of the best quality. We have a very fine pure strain of this squash. There is nothing better for fall and early winter use. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 75c.

ESSEX HYBRID. A very sweet, fine grained and high flavored squash. Flesh very thick, deep yellow and firm. Fruit is round, ribbed and flattened at the ends, and of a deep orange color. Will keep all winter. Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 20c; lb. 70c.



MAMMOTH WHITE BUSH SCALLOP.

Delicious. This is the finest flavored winter squash we know of. It is so dry and fine grained that it resembles a good sweet potato more than ordinary squash. The fruit is not quite as large as Hubbard, but is very heavy and is of far better quality than that variety, being dryer, richer and sweeter. It is the best winter squash for home use, and gardeners find it profitable for market where good quality is appreciated. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c., postpaid.



THE DELICIOUS SQUASH. (Photograph.)

Hubbard. TRUE ORIGINAL

STRAIN. There is still no finer winter squash than a true Hubbard of the old original type. But there has been a great deal of seed sold of inferior strains which have not the fine quality of the old type. We are therefore glad to be able to offer some seed of a very fine strain of the old stock which will be found excellent in every way. The fruit grows to a good, large size, yet is heavy and of extra fine quality, cooking dry and without any stringiness and of fine flavor, and the color is even dark green, no light colored or striped fruit. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

GOLDEN HUBBARD. Like the true Hubbard except that the fruit is of a deep orange-red making it very attractive in appearance and it is of very fine quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

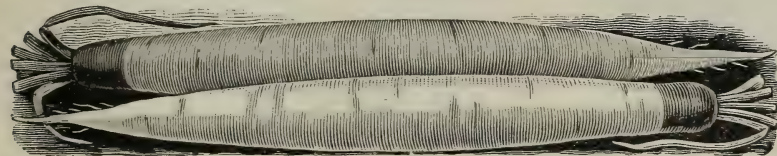
IMPROVED WARTED HUBBARD. This strain of Hubbard squash produces very large fruit covered with warts, and of dark green color. Sells well in market, as the fruit is very handsome and of the largest size, but it is not of as fine quality as the original Hubbard. The seed we offer is a fine strain of the true Chicago Warted Hubbard. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

Fordhook. A squash that can be used both summer and winter. It can be eaten green like the Crookneck, which it surpasses in quality, or when left to ripen can be used all winter for baking or for pies, as it keeps remarkably well. The squashes are of medium size, oblong, nearly smooth and of a cream color. Flesh is thick, light yellow and of good quality. Vines make a vigorous growth and are very prolific. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Prolific or Early Orange Marrow. Fruit deep orange color, with thick yellow flesh of the finest quality. It is very similar to Boston Marrow. One of the finest squashes for fall or winter use. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Marblehead. Fruit light green, smooth and of medium size. Flesh thick, yellow, and cooks dry, and is of the finest quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

Deduct 10c per lb. if seed is to be sent by express.



MAMMOTH SANDWICH ISLAND SALSIFY.

be very welcome on every table. Do not think of omitting it from your garden. The seed should be sown in May.

MAMMOTH SANDWICH ISLAND. An improved variety that grows very large, often measuring four to five inches around, and of the best quality.

Our seed is of an extra large and fine strain. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. By express, 90c. per lb.

SALSIFY, or VEGETABLE OYSTER

One ounce will sow 70 feet of row, 8 to 10 pounds per acre.

Salsify is as easily grown as parsnips, and is more delicate and finely flavored. It is used in the fall and winter and early spring, when there are few other vegetables, and will

Tomatoes.

One ounce of seed will produce about 2,000 plants. *

Our Special Selected Strains.

We have for years made a specialty of raising tomato seed of the best possible quality and we think our strains of some of the new and standard varieties are as fine as can be found anywhere and far superior to what is usually sold. The seed of these special varieties is all grown on our own farm and the greatest care is taken to improve the stock by careful selection of the fruit from the best vines. Gardeners who wish an even crop of smooth fruit should try our seed.

Notes on Varieties.

Of the early varieties Earliana, June Pink, Bonny Best and Chalk's Early Jewel are decidedly the best. The only difference between Earliana and June Pink is in color. These are both earlier than Chalk's Early Jewel, but that variety colors better around the stem where the Earliana is apt to be somewhat green.

None of the very early kinds except "Bonny Best," are of as fine quality as the best of the later varieties. Among these the best of the dark red varieties are Stone, Magnificent, Success and Maule's Enormous. The best pink tomatoes for main crop are Potomac, Trucker's Favorite and Livingston's Beauty, of which Potomac is the earliest and Beauty the latest. Trucker's Favorite is medium late and has very large, smooth, handsome fruit. For canning it is important to get a tomato that is not too acid when cooked. Stone is one of the best on this account. Success and Potomac are also excellent, being very sweet and of good color.

TOBACCO.

Connecticut Seed Leaf. The most popular variety. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.
Sterling. Early, and valuable for the North. Color bright yellow, and of the finest quality. Pkt. 5c; oz. 25c.
Havana. The finest Cuban tobacco, so famous for cigars. Pkt. 5c; oz. 30c.

One ounce of seed will sow
200 feet of row.

TURNIPS.

It requires from 2 to 3 lbs. of seed per acre in
drills, or one or two lbs. broadcast.

EARLY PURPLE TOP MILAN. This is the earliest variety in cultivation. The bulbs are clear white, smooth and handsome, with purple top, and much resemble the Purple Top Strap Leaf, but grow even faster than that variety and are ready two weeks earlier. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 60c. By express, 50c per lb.

White Flat Dutch. Very early, pure white and of good quality. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 45c.

White Egg. An oval or globe shaped white turnip, with pure white skin and fine table qualities. It is popular in market and fine for home use. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 45c. By express, 35c. per lb.

PURPLE TOP STRAP LEAF. The favorite variety for summer and autumn use. Turnips flat, clear white, with purple top. Grows very rapidly and is of fine quality. Seed sown in July and August produces fine large turnips in the fall. We have a fine strain. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 40c. By express, 30c. per lb.; 5 lbs. 25c. per lb.

RED TOP WHITE GLOBE. Large, pure white, globe shaped with purplish red top. Very handsome, heavy yielder and early. A profitable turnip for market and excellent for table use. This turnip is the same as the Purple Top Strap Leaf, except that it is globe shaped instead of flat, and requires a little more time to grow. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 40c. By express, 30c. per lb.

GOLDEN BALL. A handsome early, yellow turnip, as round as a ball with smooth golden yellow skin and fine grained flesh. Not quite as early as Strap Leaf. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 45c. By express, 35c. per lb.

KASHMYR. A bright red turnip that looks like a large flat radish, deep scarlet on top, shading to light rose color on the bottom. Flesh pure white and of good quality. This is a very early turnip and can be raised like the common Purple Top Strap Leaf. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Cow Horn. A long white turnip, largely used for stock feeding, as it yields very large crops. It is also of first-class quality for table use. It is a rapid grower and can be sown late. Often sown in corn fields after last cultivating. The turnips grow more than half above ground and are easily pulled. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 45c. By express, 35c. per lb; 5 lbs. or more 30c. per lb.

Yellow Stone. A large, flat, yellow turnip of good quality. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c. By express, 40c. per lb.

Yellow Aberdeen. A large, globe shaped, yellow turnip. Fine for use in the fall or early winter, or for stock feeding. A heavy cropper. Seed should be sown the last of June for fall use. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 40c. By express, 30c. per lb.

Ruta Bagas or Swede Turnips.

NEW WHITE SHORT TOP. This is a very handsome white Ruta Baga with remarkably short tops and no "neck." Turnips are light green on top and pure white on the bottom, and grow to a good size, and are of fine quality. This is the best White Swede Turnip we know of. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 18c; lb. 60c. By express, 50c. per lb.

BREADSTONE. When well grown this is a very fine table turnip. When cooked it is almost as dry and sweet as a good squash. It

belongs to the Ruta Baga or Swede Turnip class, but is smaller and earlier than ordinary Ruta Bagas. The seed should be sown the first part of July. If sown early the turnips get hard and coarse and are not good for table use. It is in good edible condition in November, and will keep perfectly fresh and good all winter. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c. By express, 40c. per lb.

Imperial Purple Top. Long Island Improved. This is a fine strain of yellow purple top Ruta Baga, having smooth, handsome bulbs of good quality. The turnips are almost perfectly round, smooth and bright yellow with purple top. Our seed will be found very fine. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 40c. By express, 30c. per lb; 5 lbs. at 28c. per lb.

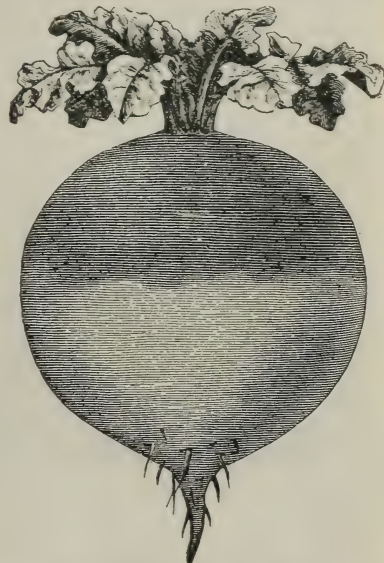
White Sweet or French. A globe-shaped white Ruta Baga with green top, and of excellent quality. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 45c. By express, 35c. per lb.

Perfection Selected Swede. This is a large purple top yellow Ruta Baga that is especially recommended for stock feeding. The root grows very large, perfectly round, have very small side roots and practically no neck. The tops are small compared with the size of the roots which grow well out of the ground and are easily harvested.

Those who want to raise large, smooth, handsome Swede Turnips either for stock feeding or market should try this selected strain. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 18c; lb. 60c, postpaid. By Express, 50c. per lb.

Hall's West-bury (selected).

This is a very finely bred Swede Turnip intended for table use, market and shipping. It grows to a nice size for this purpose and is very smooth and handsome and of excellent quality. The turnips have purple tops and yellow flesh. This strain is so carefully selected that practically every turnip is of perfect shape with no neck and very small roots. For those who want a handsome medium size turnip for table use or market this variety will be found unsurpassed. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c, postpaid. By Express, 55c. per lb.



PERFECTION SELECTED
SWEDE TURNIP.

AROMATIC AND SWEET HERBS.

BASIL. Used for flavoring soup and sauces. Pkt. 5c; oz. 15c.

BORAGE. Sow seed in the spring in the open ground. Pkt. 5c; oz. 15c.

CARAWAY. Sow in spring or fall. Very easily grown. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

CORIANDER. The young green leaves are used for flavoring soups, salads, etc. Sow in the spring in the open ground. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

DILL. Used for flavoring cucumber pickles, etc. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

FENNEL. The leaves are used for flavoring. Easily raised. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c.

LAVENDER. (*Lavandula vera*.) The true Lavender. A sweet-scented herb; is perfectly hardy and will last for years. Pkt. 5c; oz. 30c.

LAVENDER. (*Lavandula spica*.) Though not the true Lavender this is the kind usually sold. It is more easily grown than the true variety and the seed germinates more freely. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

SAGE. Broad Leaved. When once started will last for years. Should be in every garden. Sow in the open ground and thin

the plants to four or five inches apart. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.20.

ROSEMARY. A perennial, and will last for years when once started. Sow in the spring in the open ground where the plants are to remain. Pkt. 5c; oz. 25c.

SUMMER SAVORY. Easily grown by sowing seed in the open ground in the spring. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

SWEET MARJORAM. Very valuable for seasoning dressing for poultry, imparting a very agreeable and pleasant flavor. Easily grown from seed. Cultivate like Sage. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

THYME. Start the seed in a box in the house or hotbed, and set out the plants when the ground is warm. Pkt. 5c; oz. 25c.

WORMWOOD. A medical herb used largely for planting in poultry yards for chickens to feed on. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c.

Holt's Mammoth Sage. This variety of Sage does not seed, so we can offer only the plants. The leaves grow much larger than common Sage and are of superior quality. The plants are perfectly hardy and will stand any winter without protection. They make a very large growth, a single plant spreading out two or three feet across. By far the best Sage for all purposes. Plants sent by mail postpaid, 3 plants 40c; 10 plants \$1.00. By express, 10c. each. \$1.00 per dozen.

Seed Potatoes.

Grown on Our Own Farm—Pure and Free from Disease.

High Quality Seed Potatoes. We make a specialty of raising choice Seed Potatoes and spare no pains to have them as fine as can be grown. We find that early varieties must be planted late in order to get the best seed. The earliest kinds planted in June produce good crops of sound, healthy potatoes that do not mature until cool weather in the fall and are therefore far superior for seed to those that mature in the summer.

To Prevent Blight, Scab and Rot. Our potatoes are treated with formalin before planting to kill the scab germs, and the vines are thoroughly sprayed to prevent blight and rot.

It is Important to get seeds from crops that are healthy, as the germs of diseases are carried in the seed and will cause trouble if the weather should be favorable to rot or blight.

Potatoes Shipped in Sacks. We can ship potatoes in sacks holding the same quantity as barrels, (165 lbs.) at 20 cts. less than barrels. When ordering please state which you want.

Potatoes Shipped from Rochester. We will deliver potatoes, as well as other seeds, to any freight depot in Rochester without extra charge. This gives lowest freight rates to all points. Freight and express charges are to be paid by the purchaser.

Shipping Season. It is usually safe to ship potatoes from here about March 20. We can ship earlier in paper lined barrels, if our customers wish us to do so, with little risk, but we will not hold ourselves responsible for loss by freezing if the potatoes are ordered sent earlier than in our judgment it is safe to ship them.

Potatoes by Mail. We will send any varieties named in this catalogue, except where otherwise priced, by mail or express, prepaid at 25c. per lb. or 3 lbs. for 65c.

"Second Size" Seed. We offer a few second size seed potatoes of most varieties. These potatoes are from the size of a hen's egg to a little smaller, and make nice seed to plant whole or cut once in two. They are nice smooth potatoes. See prices under varieties.

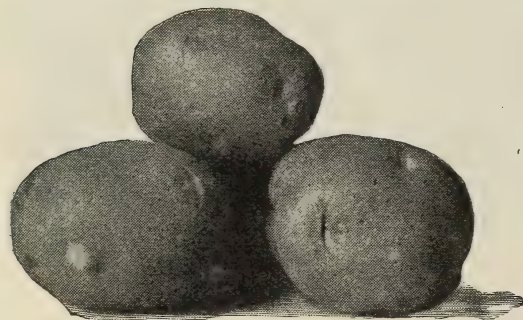
We furnish $\frac{1}{2}$ pecks and $\frac{1}{2}$ bushels at peck and bushel rates. We will put two varieties in a barrel without extra charge, but we cannot do so when shipped in sacks.

Barrels and sacks contain 165 lbs. of potatoes.

Prices. The prices quoted here are subject to change without notice. The price of seed potatoes of ordinary varieties is governed largely by the market price of eating potatoes. Should the market for eating potatoes advance very much from those prevailing at this date, (Dec. 1st.) we shall be obliged to advance our prices. But on the other hand should potatoes decline in price we will quote lower prices for seed stock than given in this catalogue. Please write for prices if you want 3 barrels or more. Orders for smaller quantities will be filled at our catalogue price as long as our stock lasts.

ORDER EARLY. Potatoes are scarce this season and prices are likely to advance very much before planting time. We will book orders at any time and ship the potatoes when safe to do so.

Early Varieties of Potatoes.



NOROTON BEAUTY.

shallow eyes and are of fine quality. One of the largest yielders of the early kinds. Peck, 50c; bu. \$1.50; barrel \$4.00; 2d size \$3.60 per bbl. Sacks 20c. less than barrels.

Early May. One of the very earliest varieties. The potatoes are light red, oval to long and have shallow eyes and are of the best quality. One of the very best extra early kinds. Price same as for Noroton Beauty.

Early Rose. The old and reliable early Rose is still one of the very best and largest yielding potatoes grown. It produced more large handsome potatoes than any early variety we had on our farm the past season. Although not as early as some of the newer extra early kinds, it matures within a few days of the earliest and yields much more. We have a fine pure strain of this old favorite. Price same as for Early Norther.

Irish Cobbler. This has become decidedly the most popular early variety. It yields so well that it is often planted for the main crop as well as for early. This variety does well on heavy ground where other early kinds would not amount to much. The potatoes are nearly round, pure white, have rather deep eyes and are of first class quality.

We have this season some exceptionally fine stock of Irish Cobbler, large, smooth and clean, free from scab and disease. The crop from which these potatoes came yielded over 300 bu. per acre. Price same as for Early Norther.

Noroton Beauty, OR QUICK LUNCH. This is the earliest exception of Bliss' Triumph, which it somewhat resembles in shape and color. The vines make a compact, bushy growth and therefore the hills may be close together. The potatoes are nearly perfectly round, light pink with darker spots here and there, and have few and shallow eyes. The potatoes ripen earlier than any other variety and produce large crops on first-class land. Noroton Beauty and "Quick Lunch" are exactly the same potato. Price—Peck, 50c; bushel, \$1.60; barrel (165 lbs.) \$4.20; sack, \$4.00. Second size, \$3.75 per barrel or \$3.55 per sack (165 lbs.)

Early Puritan. One of the very best early white varieties. The potatoes are medium long or oval in shape, smooth, white, and have shallow eyes. Matures very early and yields well. The quality is fine. Price same as Noroton Beauty.

Early Norther. Resembles the early Rose but is earlier. The potatoes are medium long, light red, have



IRISH COBBLER. (Photograph of a hill dug seven weeks after planting.)

Bovee. This is one of the largest yielding early kinds. The potatoes are oblong and are shaded with light pink in spots and resemble the Beauty of Hebron, but mature earlier, and yield better than that good old variety. The vines make a low spreading growth and produce a good many potatoes in a hill, which if the land is good, mature nearly all of the same size and give an **immense yield**. We have raised very large crops of this variety. On good rich land there is probably no early variety that will yield as much as Bovee. Price same as for Early Norther.

Manistee. One of the best potatoes to resist blight we have ever grown. Vines remain healthy and green

until the crop is matured. One of the largest yielding varieties we had the past season. The potatoes are round to oval, somewhat flattened, eyes fairly shallow, color red, quality first-class. Vines vigorous and healthy. Where a red potato sells well this will certainly be found one of the most profitable varieties to raise. It matures about the same time as Early Rose. Price same as for Early Norther.

Early Bangor. A medium early red potato, nearly round, smooth, and of fine quality. An immense yield, often exceeding the best late varieties. Price same as for Early Norther.

Late or Main Crop Potatoes.

Silver King. We introduced this new seedling potato last year and it has made a good record for itself in spite of the drought. It was originated by Mr. F. Payne, of Delaware Co., N. Y., who says:

"This new potato came from a seedling of the old PEACH-BLOW planted by the side of SNOWFLAKE, WORLDS' FAIR and GREEN MOUNTAIN, so that it is probably the result of this cross fertilization. The third year from the seed it yielded at the rate of 450 bushels per acre. In later comparative tests with old standards including Rurals, Sir Walters, Green Mountain, Enormous, Commercial, Great Divide, etc., on our grounds, it has proved, without exception, **MUCH SUPERIOR IN YIELD** and equal to the best in **QUALITY**."

"Notwithstanding the unfavorable weather the past season, (1907,) Mr. Gillett, on a neighboring farm, raised at the rate of the rate of 409 BUSHELS of these potatoes per acre by actual weight and measurement, and with only ordinary field culture, planted in drills 3 feet apart and 2 feet in the row."

Mr. J. T. S. Bard, of Westchester Co., N. Y., writes Oct. 13, 1908: "I bought a barrel of the Silver King potatoes last spring. They yielded away ahead of any that I've heard of. They beat the Snowball two to one."

DESCRIPTION. Growth of vine remarkably vigorous from start to finish and decidedly blight resisting. Bloom white and stems green. Season medium late. Tubers large, white, oval in shape and slightly flattened with a tendency to square ends, eyes very close to surface. Skin slightly russet like the Green Mountain, which always denotes fine quality. The potatoes cook dry and mealy and without any strong potato taste. There are usually 10 to 12 potatoes nicely spread in the hill and deep enough to resist drought and prevent injury from frost and sunburn.

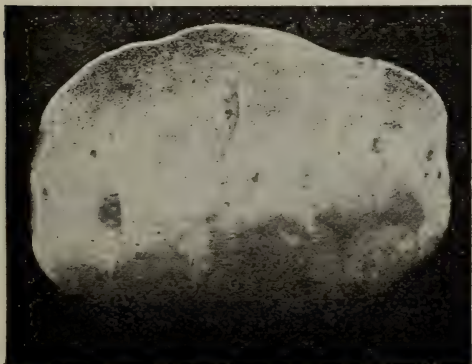
Those who want a potato of first-class quality and a big yield should plant the Silver King. Peck, 75c; bushel, \$2.25; barrel \$5.00.

Keller's Selected Green Mountain.

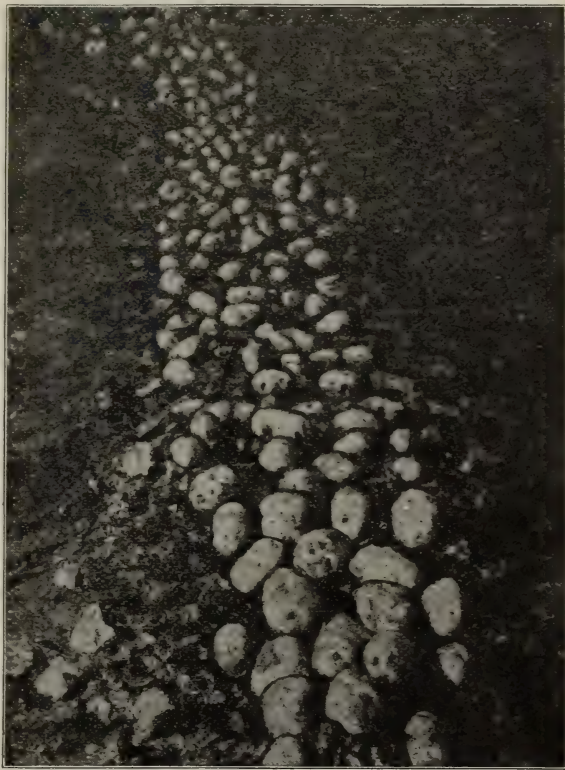
Every one knows the good old Green Mountain potato, but of late years much of the stock of this variety has deteriorated or "run out" so that there are too many small and inferior potatoes in the crop. To overcome this Mr. J. B. Keller has been for a number of years selecting out the best hills in his crop and saving these for seed with the result that he has produced a strain of Green Mountains fully equal or even superior to what this variety was in its best days. It produces potatoes of more uniform size, there being very few small ones and the vines are vigorous and healthy.

There is no finer potato than a first-class Green Mountain. It has the shape, size and quality most desired and when the best seed is used there are few potatoes that surpass it in yield.

If you plant Keller's Selected Strain you will have as fine potatoes as can be raised and lots of them. These potatoes are especially fine for home use, as they are of the highest quality, being dry, white and fine flavored. We obtained our seed direct from Mr. Keller and raised a fine crop. This seed will be found far superior to the common Green Mountain. Price, peck, 50c; bushel, \$2.00; barrel, \$4.50; sack, \$4.30.



Photograph of SIR WALTER RALEIGH POTATO.



Photograph of a Single Row of "Silver King" Potatoes Just as Dug. Yield 409 Bushels per Acre.

Harris' Snowball.

This potato is of remarkable vigor, the vines grow with great rapidity from the start and soon cover the ground. There are usually 10 to 15 potatoes in a hill, practically all large—not coarse and overgrown, but of nice medium size and very few small ones. The potatoes are round, smooth and snow white, with shallow eyes and a slight netting on the skin. They cook white, dry and mealy. The vines are of bushy growth, green stems and are very healthy and vigorous and resist blight much better than other kinds. We have never known these potatoes to rot. This variety is of such great vigor that under favorable circumstances it produces **immense yields**. Some of our customers report yields as high as 380 bus. per acre, and we have had yields as high as 300 bus. per acre on our own farm. Price, pk. 50c; bus. \$1.50; barrel, \$3.75; sack, \$3.55.

Sir Walter Raleigh.

This is a seedling of the Rural New Yorker, and has the vigor of that variety before it degenerated as it undoubtedly has. It is an improved Rural with new blood and renewed vigor. The potatoes resemble the Rural in shape but are smoother with shallower eyes, slightly netted skin and much better quality. This variety sets more potatoes in a hill than the Rural and yields immense crops on any good soil. Succeeds everywhere and is the style of potato most in demand in the markets just now. This and Pan-American, which much resembles it, have done better in this neighborhood the past two seasons than any other varieties. Price same as Harris' Snowball.



PAN-AMERICAN.

Pan-American. The "Pan-American" has done exceptionally well the past two seasons. In spite of the drought and other unfavorable conditions it produced fine crops of **large, handsome, smooth, white potatoes.** It is certainly one of the very best late varieties both as to yield and quality. This variety has turned out so much better than older kinds that growers who know about it are planting nothing but the Pan-American for main crop. The potatoes are nearly round, smooth, eyes shallow and not numerous, pure white skin somewhat netted, and the **quality is fine.** The vines make a short upright growth and have purple stems and flowers. The potato-

atoes run **uniformly large**, there being very few small ones. We highly recommend this new variety, and advise our customers who want a late or main crop potato of fine quality and handsome appearance and a big yield to plant the Pan-American. Price same as for Harris' Snowball.

Delaware. Potatoes round to oval, smooth, white and have shallow eyes. Quality first class. Yields well and is one of the best medium late varieties. **Peck, 50c; bushel, \$1.50; barrel, \$3.85.** A few second sizes at \$3.35 per barrel, or \$3.15 per sack.

Ionia Seedling. This is a new seedling that has proved to be of great value on account of its ability to resist blight and produce large crops when other kinds fail. It is a round, white and very handsome potato of fine quality. The vines are strong and vigorous and resist blight well. From what we have seen of this variety we should judge that it is certainly one of the best late potatoes, both as to yield, quality and appearance. **Price same as for Delaware.**

Vermont Gold Coin. This is what we have all wanted—a potato that will yield big crops and yet be of **first-class quality** for table use. The Gold Coin has a fine netted skin which gives it a yellowish or slightly russet tinge, and is a fine looking potato—oblong, with square ends, few and small eyes and light golden color. When cooked the potatoes are **white, dry and very light and mealy and of fine flavor.** **Peck, 50c; bushel, \$1.50; barrel, \$3.85; sack, \$3.55.** No second size of this variety.

Washington. The potatoes are oval in shape, being intermediate between the long and round varieties. The skin is remarkably white and eyes are close to the surface, so the potatoes present a handsome appearance. They grow uniformly large and the vines make a vigorous growth. We highly recommend this potato for medium to light soil but not for clay land. On sandy land the yield is often immense and the potatoes very handsome and of good quality. **Price same as for Delaware.**

Farm and Field Seeds.

The production of **high class** seed of the best varieties of Oats, Corn, Wheat and other grains, as well as Potatoes, has for many years been one of the principal branches of our business, and no part receives greater attention.

It Does Not Pay to sow inferior seed of varieties that have become badly mixed and weakened in vitality by neglect in the matter of keeping the seed free from diseases, light and inferior grain and weed seeds. The best crops cannot be raised from such seed, and it is **only the best crops that pay.** There is no money to be made in raising just the ordinary average crop. We must do better. **One way to improve crops** is to use the very best seeds of the most improved varieties obtainable. With the latest improved power machines for cleaning and grading seed grain and by the scientific treat-

ment of our seed to prevent smut and other diseases, we are able to furnish much better seed than it is possible for most farmers to produce. It costs a little more of course, but the extra cost is nothing compared with the increased yield and quality of the crops.

At the Prices quoted in this catalogue we deliver the seeds at any freight house or express office in Rochester and make no charge for bags unless otherwise stated. The purchaser is to pay freight or express charges. See freight and express rates, page 3.

The Best Varieties of Oats.

We have long made a specialty of raising the best oats obtainable and make numerous trial of the most improved varieties grown not only in this country but in Europe and other countries, and we offer this year a few of these which have proved to possess superior qualities.



LONG'S WHITE TARTAR OATS—106 BU. PER ACRE.

Regenerated Swedish Select Oats.

The government of Sweden has done a great deal to improve different strains of oats by selection and cross breeding and has produced some wonderfully fine varieties. The kind known as "Swedish Select" has been grown in this country for some years and has proved to be one of the best. It has a compact, upright head branching evenly on all sides. The straw is of medium height and quite stiff so that it does not lodge. Ripens early and produces large yields of plump white oats.

The "Regenerated" strain of these oats was produced by the Garton Seed Co. of England, who have been doing a great deal of work in cross breeding oats and other grains. They have succeeded in so improving this variety that it yields 25 per cent. more than the older strains. We obtained our seed direct from the Garton Seed Co. and we never saw finer oats. They weighed 50 lbs to the measured bushel and looked more like very heavy barley than oats. The hulls are thin, the extra weight being entirely in the meat.

Owing probably to the unfavorable season the oats from this seed, while they produced a fairly good yield, are not nearly as heavy as the seed we sowed. They undoubtedly have the "blood" in them and under more favorable conditions should produce oats that will weigh over 45 lbs. per bushel in this country.

Considering the fact that the Swedish Select oats have proved to be one of the very best varieties in this country we are sure this new "Regenerated" strain will prove superior both in yield and quality. Price—Peck, 40c; bushel (32 lbs.) \$1.50; bag, 2 1/2 bu. \$3.25; 10 bu. or more \$1.25 per bu.

Long's White Tartar Oats.

We have never sold any variety of oats that has given such universal satisfaction as this. The first year we raised it the yield was 98 bu. per acre and the next year 106 bu. per acre on a 19 acre field. These oats have never failed to produce a good crop. Even in the past two seasons when oats have generally produced very small crops the Long's White Tartar has given good large crops. The season of 1907 was the worst for oats that has occurred in many years, yet these oats in many cases yielded over 100 bu. per acre. Mr. Wm. H. Lewis of Wyoming Co., N. Y., writes, Feb. 9, '08.

"The Long's White Tartar oats I purchased of you last year yielded 80 bu. on 3/4 of an acre or 106 bu. per acre. Have had lots of call for seed. They are all right. Will sow 20 acres this year."

IMPROVED BY SELECTION. Mr. I. W. Long of Pennsylvania produces these oats by selecting the best heads from a field of White Tartarian oats and continuing the selection for a number of years. This is the real way to get improvements in grain crops.

These oats have immense heads of grain, often measuring nearly a foot long and containing by actual count over 150 kernels. It is a side oat.

The straw is very large, strong and stiff. It stands up to a man's chin and is as large as a lead pencil. In one of our fields these oats stood a foot higher than wheat growing alongside of it.

The kernel is large, plump and heavy, pure white and with thin hulls. There are no better oats for feeding than these.

NO SMUT. Smut greatly reduces the yield of oats, and has been especially troublesome the past few years. We treat the seed oats we sow and those we have sown for us with formalin to kill the smut germs, and in this way keep our crops free from this disease. Crops raised from this seed will be practically free from smut. This alone makes our seed oats worth the extra cost.

No Weed Seeds. We thoroughly clean our seed oats so that they do not contain any foul weed seeds.

Price of Seed.

We offer Long's White Tartar Oats, thoroughly cleaned and free from weed seeds, at the following prices: Peck, 40c; bushel, \$1.25; bag of 2 1/2 bushels (80 lbs.) \$2.75; 4 bags (10 bu.) or more at \$2.50 per bag. No charge for bags. Special prices will be quoted on lots of 25 bushels or more. Sample will be sent on request.

NOTE. It requires at least two measured bushels to sow an acre. As these oats weigh about 40 lbs. per bushel, 2 1/2 bushels by weight (80 lbs.) should be allowed for an acre. If the land is not rich it is better to sow 3 bu. by weight or 2 1/2 bu. by measure per acre.



LONG'S WHITE TARTAR OATS. (Photograph.)

Swiss Giant Oats.

We have been raising Long's White Tartar Oats for a few years back, and have found this variety one of very best we have ever grown. During the past two seasons there was grown here a very similar variety of oat which came from Canada and which in some respects seem even superior to Long's White Tartar. This oat is called "Swiss Giant," having come, it is said, originally from Switzerland. It is a very strong grower with large and very stiff straw. The heads are immense, sometimes measuring 14 inches long and quite distinct in habit of growth, being intermediate between a side oat and a branching variety. The heads are slightly more branching than those of the White Tartar and the straw is stiffer at the head so that the oats stand up better.

The oats are pure white, large, heavy, and have thin hulls. They weighed 35 pounds per measured bushel as they came from the machine, without cleaning. When cleaned they will run 38 to 40 pounds per bushel.

Price—Peck, 45c; bushel, \$1.40; bag 2 1/2 bushels (80 lbs.) \$3.25; 4 bags (10 bushels) or more at \$3.00 per bag. Bags free. Sample sent on request.

Golden Fleece Oats.

This is one of the very best branching oats we have ever seen. The grain is white, large, plump and heavy, with thin hulls. The straw is stiff and carries very large branching heads. The oats have a record yield of 108 bushels per acre, while yields of 75 to 80 bushels per acre are very common, and can easily be obtained with this variety under ordinary conditions. This may seem tame compared with the claim of some western seedsmen for varieties of oats they are selling, but it should be remembered that these are facts, and not statements founded on hope or imagination.

The Golden Fleece Oats we offer weigh nearly 40 lbs. to the measured bushel and are entirely free from smut and thoroughly cleaned. We guarantee them free from mustard or other foul weed seeds. A great deal of loss is sustained every year by those those who sow oats affected with smut. The smut germs are sown with the seed and grow up with it, so that the plant is at

length killed by the smut growth. This often reduces the yield 20 bushels or more to the acre. Peck, 45c; bushel, (32 lbs.) \$1.25; bag of 2 1/2 bushels (80 lbs.) \$2.75; 4 bags (10 bushels) or more at \$2.50 per bag. No charge for bags. Samples will be mailed on request.

SPRING WHEAT.

Scotch Fife. This is the most popular spring wheat, and yields large crops of grain which is of the highest quality, being very hard and full of gluten. Peck 70c; bushel, \$2.20.

BUCKWHEAT.

JAPANESE. The largest and most productive variety. We have some pure seed which is now rather hard to get. Peck, 50c; bushel, \$1.35; bags of 2 bushels, \$2.50 per bag.

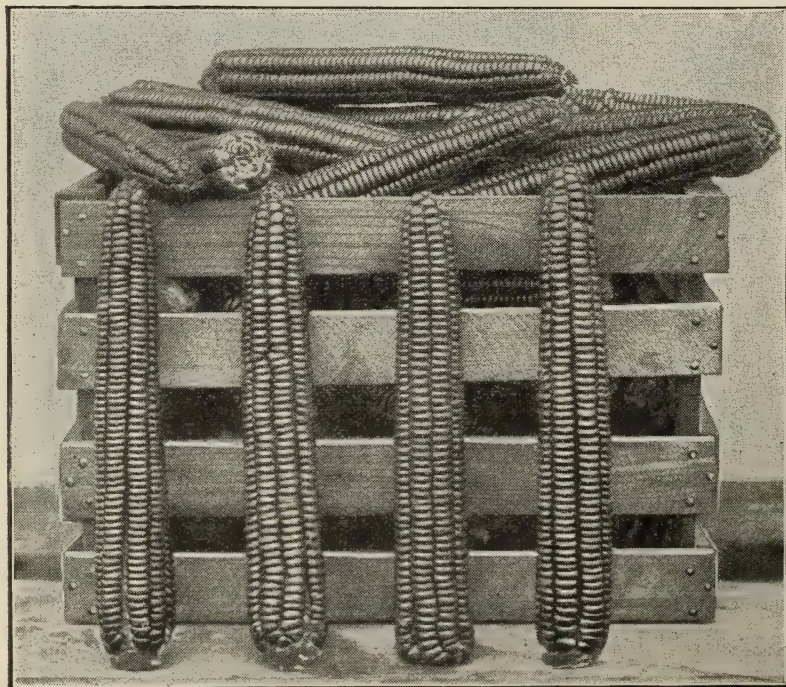
SILVER HULL. Small gray kernels that make the finest quality of buckwheat flour. Very productive. Price same as for Japanese.

Northern Grown Seed Corn.

We make a special point of raising field corn seed. For years we have been breeding up the most desirable types, and we think we now have some strains that are far superior to what is commonly grown and a good deal better than the corn sold by most seed dealers. Most of the corn is grown on our own farm and neighboring farms only a few miles from Lake Ontario, so it is "northern grown" and consequently very early in maturing.

When our seed corn is husked it is carefully sorted and all small or imperfect ears are discarded, the best ears being placed in a drying house with slatted floors and heated with coal fire so that it is thoroughly dried, which insures strong germination.

Tested for Germination. Before sending off any seed corn we make thorough tests to ascertain its vitality, and we mark the percentage that germinates on the label so that the purchaser will know just how many kernels out of 100 will grow. We should be glad to give the results of our tests at any time during winter or spring to anyone interested.



HALL'S GOLD NUGGET CORN.

Photograph of a standard bushel crate, 13 inches high. We have raised 190 crates per acre on a large field.

I. D. Cook & Son, of Genesee Co., N. Y., writes June 6, '08. "We are pleased to find that your reputation still holds on No. 1 reliable seed corn, and we are always pleased to speak a good word for you."

Mr. Moses M. Beachy, Elk Lick, Pa., writes July 2, '08. "I was pleased very much with the corn you sent me. It was strictly first-class."

Hall's Gold Nugget Corn.

The Largest Yellow Flint or "State" Corn Grown.

This corn was sent to us a few years ago by one of our respected customers, Mr. Levi Hall. In 1906 we raised a crop that produced 190 bu. of ears per acre and it has always yielded more than other varieties since.

The ears are immense, 12 to 14 inches long and as large around as your wrist, but with only eight rows of kernels. The kernels, are fully twice as large as any other kind of Flint Corn, and are of a deep golden yellow and very hard. The butts of the ears are small and they break off easily when husked. The cob is small for so large an ear.

Earliness. The past season one of our fields of this corn was not put in until May 24th and was cut fully ripe September 13th, two weeks before we had any frost. I therefore can be safely planted anywhere except in the extreme northern parts of this State and northern parts of New England.

The Stalks grow about 7 feet tall and carry the ears well above the ground so that they do not interfere with the binder when such a machine is used for cutting. The stalks usually have two ears and are covered with large leaves so they make good fodder.

For Ensilage. This corn will prove of great value for ensilage as it will produce an enormous yield of stalks and ears and the grain will mature early so that it may be cut when in just the right stage to produce the greatest amount of food without running the risk of having the crop injured by frost.

Price of Seed. Shelled corn from carefully selected ears, by express or freight, Qt. 25c; peck, \$1.00; bushel (56 lbs.) \$2.50. By mail, pint 25c; qt. 40c.

On the Ear. It is much more expensive to ship corn on the ear than when shelled and it takes more time and trouble so that we have to charge a higher price when sent in this way. Selected ears, 10 lbs. for 65c; 25 lbs. or more at 5c. per lb.

"Farmer's Friend" Corn. An Extra Early Yellow Flint variety. Where it is necessary to raise corn that will ripen very early the Farmer's Friend will be found most satisfactory. With this variety planted reasonably early you may be sure of a crop that will ripen before frost even in a very unfavorable season. It is an extremely early variety. In a favorable season we have cut it the last week in August and the seed was not planted till the first of June. For places where the common kinds of corn do not mature, or where it is desirable to get the corn off the land very early, the Farmer's Friend will be found of great value.

The ears are of medium length and have 8 rows of very large, deep yellow kernels and are filled right out to the tip. In this respect it surpasses any other corn we ever saw, as every ear, when grown on good land, is filled out perfectly.

The stalks grow about six feet high and have an abundance of large leaves, so that they make the very best of fodder.

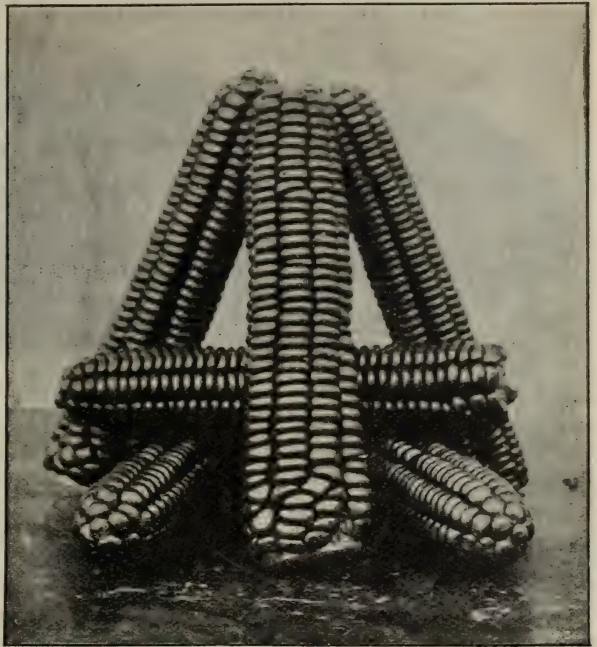
Most stalks have two good ears and some have three. On a hill containing four stalks we have counted 9 ears. While the ears are not as long as some kinds, yet so many more are produced and they have such large kernels that the yield is very large.

If planted early the Farmer's Friend corn can be cut in time to put wheat on the land in September. And if planting is delayed from any cause, even up to the 10th of June in the most northern sections of the country, the crop will usually mature well. We planted this corn one year on the 17th of June and had a good crop.

Mr. A. W. McKinstry of Hampden Co., Mass., writes, March 21 '08. "I planted Farmer's Friend Corn June 11th, when the weather was so cold we had to wear our coats while working and all through the season it was damp and cool. The corn ripened perfectly and yielded a fine crop." (This was in 1907 the worst corn year in 20 years.)

Mr. E. C. Powell, Editor "Farm and Home" Springfield, Mass., wrote us Nov. 4, 1907. "I send a marked copy of Farm and Home for Nov. 1st, containing a report of the different varieties of corn which you kindly sent me at my request last spring. I was very much impressed with the behavior of 'Farmer's Friend'. It yielded the most grain of all the varieties which I tested."

We offer this year some very fine perfectly matured seed of our own growing and which is from only the best ears and is of strong vitality. Price—By mail, pint, 20c; quart, 35c. By freight or express, quart, 25c; peck, 70c; bushel (56 lbs.) \$2.25. On the ear—Extra fine ears, 10 lbs. for 50c; 25 lbs. or more at 4c. per lb.



FARMER'S FRIEND CORN. (Photograph.)



HARRIS' MAMMOTH YELLOW FLINT CORN.

Harris' Mammoth Yellow Flint Corn. A very fine large yellow Flint or "State" corn. The ears grow very long, often measuring 14 inches, and have eight rows of large, bright yellow kernels filled right out to the tips. The cob is small. The stalks grow about 6 to 7 feet tall and have numerous broad leaves and make excellent fodder. The ears are produced well above the ground so the stalks can be readily cut with a binder. Many stalks have two good large ears if not planted too thick. We have raised crops of this corn that yielded 180 bushels of sound ears per acre. This corn will ripen ready to cut in 100 days from the time the corn comes up. It does not pay to plant inferior strains or varieties of corn. The seed of this improved variety will cost only 35 cents per acre more than to use ordinary corn. If you are not getting good yields of first-class large ears try this variety. It will please you. Price—Shelled corn from carefully selected ears only. By mail, pint, 20c; quart, 35c. By express or freight, quart, 25c; peck, 70c; bushel (56 lbs.) \$2.25. Bag of 2 bushels, \$4.25.

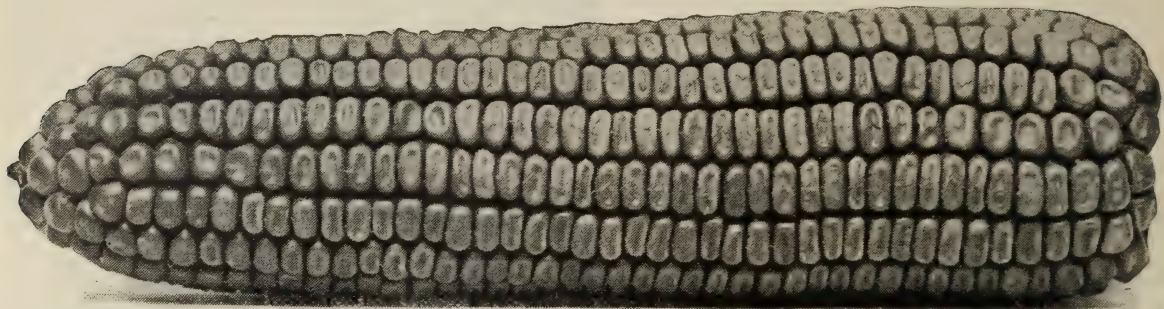
ON THE EAR. 10 lbs. for 50c; 50 lbs. or more at 3 1/4c. per lb.

Early "Red Glaze" Flint Corn. A very early Flint or "State" corn with deep yellow kernels tinged with red. The ears grow 9 to 10 inches long, 8-rowed, very small cob and are well filled to the tips. The great value of this corn for the north lies in the fact that it will mature perfectly in any season no matter how unfavorable. It was the only corn that matured perfectly in this neighborhood in the very cool summer of 1907. This variety probably does not yield quite as much as the larger and later kinds, but it will always give a crop of hard ripe and dry corn and produce good crops. The stalks grow about 6 feet tall and are not coarse and make the best of fodder. Price—By express or freight, quart, 20c; peck, 60c; bushel, \$2.20.

Longfellow. A popular 8-rowed yellow Flint corn with long ears and small cob, matures early. Stalks grow 6 to 7 ft. tall and produces good yields. Price same as for Red Glaze.

Early Yellow Canada. Matures very early. Ears of medium size well filled out with 8 rows of bright yellow kernels. Stalks of medium size and make good fodder. A good corn for the north. Price same as for Red Glaze.

Davis' Improved Early Huron Corn.



DAVIS' IMPROVED EARLY HURON DENT CORN.

There is more or less prejudice in the East in regard to raising what is commonly called "western" corn. The reason for this is that most varieties of Dent corn mature too late for this locality. There are varieties, however, that are fully as early as the Flint or state corn that is usually grown and that yield larger crops.

Davis' Improved Early Huron is a very fine early strain of yellow Dent corn that has been developed and greatly improved by careful selection by one of our neighbors, Mr. A. S. Davis.

Earliness. From the fact that this corn matured perfectly in 1907 when so much of the "state" corn did not mature, we are inclined to think that this corn is really earlier than the Flint varieties. It ripens up hard and dry and is less liable to mold than Flint corn.

The Ears are of medium length, 8 to 10 in. long, and have 14 to 16 rows of deep, well formed kernels. The cob is small and dries out quickly, and the ears break off easily when husked. The ears are very compact and heavy. Two bushel crates of ears will produce 1½ bushels of shelled corn.

THE STALKS grow about 6 ft. tall and make good fodder. For those who want to raise large crops of corn that will get ripe early in September, we highly recommend this variety.

PRICE OF SEED. We offer some very fine seed grown by Mr. Davis that will be found of the very highest quality in every way. Shelled corn, by express or freight, quart, 20c; peck, 75c; bushel, \$2.25. By mail, pint, 20c; quart, 35c. On the ear, by express or freight 10 lbs. 50c; 25 lbs. or more at 4c. per lb. 70 lbs. of ears will make 1 bushel shelled corn, which would plant 4 acres of ground in hills 3 ½ x 3 feet, or 3 acres in drills.

White Cap Yellow Dent Corn.

This is one of the earliest and most prolific varieties of Dent corn grown. If you want to raise good corn and lots of it plant the White Cap. The corn is yellow with a white tip or "cap" to each kernel, so that the ears look white on the outside, but the corn when shelled is yellow and very handsome. The ears are of good length (about 10 inches), large around, with 16 to 18 rows and filled out to the tips. We offer two strains of this excellent corn, one very early and the other larger and a little later.



EXTRA EARLY WHITE CAP. This strain does not have quite as large ears or as deep kernels as the late strain but it matures 10 days earlier and ripens perfectly in this part of the state (near Lake Ontario.) The seed we offer was grown right here on a neighboring farm. It has proved to be one of the earliest and most prolific varieties of corn ever grown here. It produces a large growth of stalks which make excellent fodder.

We are sure those who know the White Cap corn will be glad to get this early strain. It will ripen in the most unfavorable season and produce immense yields. Peck 75c; bushel, \$2.50.

SELECTED WHITE CAP. This is the finest strain with large ears well filled with deep kernels of a good bright yellow, tipped with white. It is a little later than the extra early strain, but will mature perfectly in the southern countries of this state and any where in Pennsylvania, Ohio and in lower Michigan. The seed we offer was grown for us in Northern Ohio and is of a fine pure strain especially selected for raising large crops of grain. Seed from the best ears tipped and butted before shelling. Pk. 70c; bushel, \$2.00; bag (2 bu.) \$3.75.

No. 1 WHITE CAP. This is the same as the selected strain except that the ears are not so carefully sorted and the tip and butt kernels are danger of frost. Peck, 50c; bushel, \$1.50; bag (2 bu.) \$2.75.

WHITE CAP YELLOW DENT CORN. From a Photograph of Corn grown on our farm left on. It is all good sound seed corn of strong vitality. For Fodder. This is one of the stalks grow tall and leafy and the corn matures early so that it can be cut before (2 bu.) \$2.75. Special price quoted on large lots. Samples on request.

Sanford White Flint Corn.

The Sanford has long been the most popular white Flint corn. The ears are long and the corn is very hard and sound. The stalks grow tall and very leafy, which makes this one of the most valuable varieties for fodder in the north. The ears mature earlier than the Dent or "western" corn usually sown for fodder, while the stalks are tall without being coarse. Peck, 60c; bushel (56 lbs.), \$2.00; bag of 2 bushels, \$3.75.

Pride of the North.

A very popular early yellow Dent corn for the north. It has been grown in this neighborhood for years and produces good crops. The ears are of medium size, 8 or 9 inches long, and the corn is deep yellow, hard and of high feeding value. We have a fine strain of this corn that produces ears of uniform size and ripens early. One of the best kinds for fodder or ensilage as well as for grain. Peck, 50c; bushel, \$1.50; bag of 2 bushels, \$2.75.

Improved Leaming Corn. This has long been considered one of the best yellow Dent varieties, both for grain and fodder. It is medium early and will ripen well in some parts of this state. The ears are large with very deep, bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. This corn succeeds well on nearly all soils and will produce large crops of high grade deep yellow corn and will ripen anywhere south of Central New York. This is one of the best varieties to sow for fodder and ensilage as well as for grain. We offer some very choice seed, of the most improved strain, grown for us in Northern Ohio. Price, Peck, 50c; bushel, \$1.50; bag of 2 bu. \$2.75.

Cuban Giant Ensilage Corn. This corn has been produced by careful breeding with the idea of getting a variety that would produce the largest crops and best quality of ensilage or fodder. The stalks grow tall and are covered with large leaves from bottom to top. The stalks grow so large and have so many leaves that enormous crops of fodder are produced. This corn is much superior to the common "sheep tooth" southern corn so commonly sold for fodder, as it is more tender and leafy and matures earlier. It is too late, however, to mature ears in this latitude. This corn is white with red cob. Price—Peck, 50c; bushel, \$1.45; bag of 2½ bushels, \$3.25. No charge for bags. Write for price on large lots.

Red Cob Ensilage Corn. One of the most popular varieties for fodder and ensilage. It is like the Cuban Giant, except that the kernels are longer and it matures a little later. Produces immense crops of excellent fodder. We have some very fine seed of strong vitality. Pk. 50c; bu. \$1.45; bag 2½ bu. \$3.25. Special price on larger lots.

Sweet Corn for Fodder. It is well known that fodder grown from sweet corn is richer, sweeter and more tender than that grown from common corn. The best sweet corn for the purpose is Stowell's Evergreen. If the stalks are cut while green cows will eat them up clean with hardly any waste. There are varieties of corn sold for fodder called "Evergreen," but they are not sweet corn and do not produce as good fodder. What we offer is genuine Stowell's Evergreen Sweet Corn. In raising Stowell's Evergreen corn for seed there are, of course, many ears that are too small, not well filled or true to type, which have to be rejected from our selected seed corn. All of this that will germinate well we offer for raising fodder. Pk. 50c; bu. \$1.60; bag 2 bu. \$3.00. If a larger quantity is required please write for sample and price on quantity desired.

SORGHUM.

Early Orange. This is considered the best variety of Sorghum for either fodder, grain or syrup. By mail, per lb. 20c. By express or freight, per lb. 10c; peck, 60c; bushel (56 lbs.) \$2.50; 2 or more bushels at \$2.25 per bushel.

SUNFLOWER.

Sunflower seed is quite extensively grown for feeding purposes. The seed should be sown in rows 3½ feet apart and the plants thinned to a foot apart in the rows. Treat the same as corn.

MAMMOTH RUSSIAN. This is the variety commonly used to produce seed. The heads are often one foot across, and are filled with large striped seeds, which make most excellent food for hens. Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 25c; postpaid. By express, 15c. per lb.; 5 lbs. or more at 10c. per lb.

FIELD PEAS.

WHITE CANADA FIELD. These peas are grown principally for their vines which make hay equal to the best clover hay. They are usually sown with oats and cut when the oats head out but before the grain is ripe. If any one is likely to be short of hay he will do well to sow a few acres of oats and peas. We have used this hay for sheep, horses and cows with the best results. It is as easily cured as clover and will yield large crops. We sow two bushels of peas and one bushel of oats per acre. Sow early in the spring. Peck, 50c; bushel, \$1.75; bag of 2½ bushels, \$4.50. Prices will be quoted by letter on larger lots.

Cow Peas. Sown about the first of June they are ready to cut in August. The vines grow about two feet high and produce large crops of fodder. The vines are excellent to put in the silo with corn. Cow peas are injured by frost, and therefore should not be sown until danger of frost is past. The seed will not ripen here. Sow ½ bushel of seed per acre.

Whippoorwill Cow Peas. A popular variety for plowing under and for hay. It produces a large growth of vines, often 4 or 5 feet tall. Peck, \$1.00; bushel, \$3.50.

JAPANESE MILLET.

(Panicum Crus-Gali.)

This new Millet from Japan is becoming quite popular in this country. It grows so strong that the stalks look like small corn fodder. Very large crops can be raised, nearly double that of common millet. The hay is relished by horses, cows and sheep. Even when allowed to ripen its seed, the hay after the seed is threshed out is readily eaten by stock, there being no waste as in the case of corn stalks.

Mr. A. J. Door, of Iowa, writes Sept., 1903:

"I think the value of corn fodder has been greatly overestimated. I certainly would rather have one acre of Japanese Millet than five of corn fodder. This I know by experience. Last year I had three acres of the millet, and when the 20 acres of corn fodder was gone I started in on the millet and fed it to the same stock. The three acres went nearly as far as the 20 of corn, and the stock did very much better, while the milch cows increased nearly one-half in their milk flow.

"I was so thoroughly convinced of the value of Japanese Millet as a forage plant that I sowed 20 acres this last spring and such a crop I never did see. It stands 6 feet high and will make at least 5 tons of good hay and 50 bushels of seed to the acre."

This Millet should be sown about the same time corn is planted. It is usually sown broadcast at the rate of about 10 or 12 quarts (or an equal number of pounds) per acre. It is cut when it heads out and before the seed ripens. It does best on sandy land or medium light soil.

Mr. Seymour Olmstead, Orleans Co. N. Y., writes Aug. 8th, '08. "You ought to see the Japanese Millet I bought of you in the spring. It is as high as a man's head and thicker than hair on a dog. It is the wonder of the whole neighborhood. My man will cut it for hay this week as the heads are in the milk."

We offer some extra fine, pure seed. Price—By mail, 25c. per lb. By express or freight, peck, 60c; bushel (35 lbs.) \$2.00.

Hairy Vetch. (Vicia Villosa.) Vetches have lately come into favor as catch crops or "Nitrogen Gatherers." The plant is hardy and when sown in the fall will protect the ground in the winter and furnish a good crop of green forage in the spring, or it can be plowed under to enrich the land. The plant is very much like a fine leaved pea vine and grows 3 or 4 feet long. The seed should be sown in the fall, in this latitude about September 1st, and later further south. It does not succeed sown in the spring. It is well to sow a small amount of rye with the seed to support the vines. It requires about 50 lbs. of seed per acre. By mail, 25c. per lb. By express, 15c. per lb.; 10 lbs. \$1.00; 25 lbs. \$2.00; 100 lbs. \$7.50.

Spring Vetch. (Vicia Sativa.) This variety is similar to the above but has larger leaves and grows better when sown in the spring. In our experience it has not proved very hardy here and we do not advise it for fall sowing, except in the South. By mail, 25c. per lb. By express, 10c. per lb.; 10 lbs. 60c; 25 lbs. \$1.35; 100 lbs. \$5.00.

Dwarf Essex Rape.

The Best Forage Crop for Sheep and Hogs.

Rape is a plant belonging to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by sheep and hogs. It can be pastured off and when the stock is removed, if not eaten too close, it will grow up again and give a second crop.

It does best on rather moist land, but will do well on any good soil. It is best to sow the seed in drills 18 to 22 inches apart, but it can be sown broadcast to good advantage. It requires about five pounds of seed per acre. If sown in drills it should be cultivated once. It does best if sown about the middle of August. It can be sown broadcast on corn ground after the last cultivating and will make good pasture after the corn is removed.

There is no better variety than the Dwarf Essex if it will come to name. The so-called "Victoria" rape is the same as Dwarf Essex. Seed of the genuine DWARF ESSEX RAPE, postpaid, 20c. per lb. By freight or express, 10c. per lb; 10 lbs. for 65c; 25 lbs. or more at 7c. per lb.



GRASS AND CLOVER SEED.

We sell only the **highest grade** of re-cleaned grass and clover seeds. When any considerable quantities are required we should be glad to quote special prices by letter on quantity wanted. The prices of standard kinds are apt to change from week to week, so we cannot quote fixed prices here.

RED TOP. Valuable for low land as it is not injured by water. Grows 3 to 4 feet high, and makes very good hay. Finest re-cleaned seed (weighing 32 pounds per bushel) 20c. per pound; 10 pounds or more at 17c. per pound. Ordinary seed, unhusked, per bushel of 14 pounds, \$1.50. Price variable. Write for samples and price when ready to buy.

Rhode Island Bent Grass. A low growing grass suitable for lawns and sheep pasture. Per pound, 30c; 10 pounds at 25c. per pound.

Kentucky Blue Grass. One of the best grasses for pastures and lawns. Of very little value for hay. Fancy re cleaned seed, 20c. per pound; bushel (14 pounds) \$2.50.

BROMUS INERMIS, or Awnless Brome Grass. A valuable grass for dry climates. Will make a strong growth on land too dry for other grasses to grow. Highest grade seed. Per pound, 16c; 10 pounds at 13c. per pound; 50 pounds or more at 12c. per pound.

ORCHARD GRASS. A strong growing grass, valuable for pasture and hay. Starts very early in the spring. Highest grade seed 22c. per pound; bushel (14 pounds) \$2.85.

English Perennial Rye Grass. A desirable grass for hay and pasture. Per pound 10c; bushel (14 pounds) \$1.85

Italian Rye Grass. Largely grown in the South, where it is used for hay and pasture and also for lawns. Per pound, 10c; bushel (18 pounds) \$1.50

MEADOW FESCUE. Of great value for permanent pasture and for hay. Does best on strong land. Makes a finer and better quality of hay than Orchard grass. Per pound, 25c; 10 pounds or more at 20c. per pound.

TIMOTHY. We can furnish choicest re-cleaned seed at market prices. Peck, 65c; bushel about \$2.60. Write for price.

RED CLOVER, Medium. This is the common Red Clover so extensively grown. We can furnish the finest grades of seed free from weed seeds or dodder, and should be glad to quote prices at any time. Small lots at 18c. per lb.

RED CLOVER, Mammoth. Also called "Pea Vine" Clover. This variety grows larger and coarser than the Medium and is not as valuable for hay. Most dealers sell Medium and Mammoth Red Clover seed out of the same bag, so it is rather difficult to get any pure seed of the Mammoth. We buy clover seed of other growers so have to depend on them as to the purity of the seed. We can furnish what is claimed to be Mammoth Clover at the market price which will be quoted by letter at any time.

ALSIKE CLOVER. Grows well on low, wet land, where Red Clover will not do well. Per quart, 40c peck, \$3.00; bushel about \$11.00. Write for prices.

Alfalfa, or Lucerne. Produces immense crops of clover hay, and can be cut two or three times each year for many years. Also valuable for pasturage. Sow in the spring on well prepared ground without any other crop. Can also be sown to advantage in August. There is a great deal of poor mixed Alfalfa seed sold. Some seed contains as much as 25 pounds to the bushel of worthless seeds and dodder.

UTAH SEED. The best and purest Alfalfa seed is grown in Utah and Montana. We have procured some **exceptionally fine** seed grown in the northwest, that is very pure and perfectly free from dodder. If you want the **very best** seed, but not the cheapest, write us for sample and price. It requires about 25 lbs. of seed per acre. Per pound, 25c; peck, \$2.85.

TURKESTAN ALFALFA. This Alfalfa is said to be superior to the American variety. We can furnish **genuine Turkestan Seed**, imported direct from the best growing district in Turkestan. Per pound, 25c; 10 pounds or more at 20c. per pound. Please write for prices on larger quantities.

White Clover. Used principally for lawns and sheep pasture. Per pound, 30c; 10 pounds or more at 20c. per pound.

Crimson Clover. Used very extensively for plowing under to enrich the land. It is usually sown in August, but can be sown early in the spring. Extra fine seed, per pound, 15c; peck, \$1.25; bushel, \$4.50.

Hungarian Grass or Millet. This is the best Millet for producing fine hay suitable for horses. It is sown in June or July using about 1 bu. seed per acre. Peck, 45c; bushel about \$1.50. Write for price.

German or Golden Millet. Can be sown in the summer and makes excellent hay. Peck, 45c; bushel about \$1.45. Prices quoted by letter on any of the above seeds at any time. When writing for prices, please state about what quantities will be required.

Grass Mixtures, For Hay and Pasture. We have from time to time made up special mixtures of the best kinds of grasses and clovers for some of our customers who requested us to do so, and we believe they have generally given excellent results. We should be glad to do this for any of our customers. We do not offer a mixture as some seedsmen do because conditions vary so much that a mixture that would be good in one case would not suit at all in another. It is always best to make up the mixture to suit the conditions where it is to be used.

If anyone wishing to buy grass seeds mixed in the proper proportions for sowing, and will let us know on what kind of soil it is to be used and whether hay or pasture is most desired, we should be glad to advise them as to the cost of the seed and how much to use per acre.

HARRIS' LAWN GRASS SEED.

A good deal of seed sold as "lawn grass" is made up of any old seed the dealer happens to have on hand, and is apt to be perfectly useless, or worse than useless, for the purpose. Nothing but the very best and purest seeds of grasses suited to the purpose should be used. There are only a few kinds adapted to lawns, and we have made up a mixture of these in the proper proportion of each kind, using only the very highest grade and purest seed obtainable. This is **Harris' lawn grass seed**, and it will be found just what we say it is—the **best lawn grass seed** that can be procured.

For general use on good rich soil not much shaded, use our regular lawn grass seed at the rate of about one pint (1-3 lb.) to 100 square feet. The ground should be rolled after seeding unless it is very wet.

For seeding under trees and other shady places use our mixture for shady lawns at the same rate as above.

Harris' Lawn Grass Seed. By mail, 45c per lb. (1 1/2 qts.) By express, lb. 35c; peck (6 lbs.) \$1.40; bushel (24 lbs.) \$5.00.

For Shady Lawns Although no grass seed will grow on land that is entirely shaded during the whole day, the grasses in this mixture will thrive in places where ordinary kinds would die in a few months after seeding. By mail, 70c per lb. By express, lb. 60c; 5 lbs. or more at 55c. per lb.

Don't Let Agents Fool You.

The following paragraph appeared in the "Country Gentlemen" last fall:—

"Recently a man went through the town of Farmington, N. Y., selling Red Wave wheat for seed at \$5 a bushel, taking orders for about 50 bushels. At a meeting of Farmington Grange it was brought out that the same wheat could be bought of the Joseph Harris Seed Co. for \$1.75. Many farmers not members of the order were victimized."

Agents get big commissions and the man who buys through them pays these commissions and a good profit to the seedsman besides. If you buy from us you will get full value for your money, as you pay only one profit, and that a small one.

FLOWER SEEDS.

Annual and Perennial Flowers. Flowers like Asters and Sweet Peas, which bloom but one season and die in the fall, are called "Annuals." Those that live through the winter and bloom year after year are called "Perennials." Some perennials bloom the same year that the seed is sown, but some do not bloom until the next year. Most of the flowers in this catalogue are annuals. Where they are not it is so stated.

Culture of Flowers. Our little pamphlet on the culture of vegetables and flowers gives directions for raising the more popular kinds of flowers. It will be sent with all orders for seed to the amount of 25 cents or more—when requested. Ask for "Cultivation Pamphlet."

New Varieties. We offer some new varieties of flowers this season, which we have found to be of real value. They will be found described under their proper heads (arranged alphabetically) in this catalogue.

50c. Worth of Flower Seeds Free. Send us \$1.00 for Flower Seeds in packets at our regular catalogue price (not including special combination offers), and we will send you 50c worth extra without charge, you to select what you want, but all seeds, both what you order and what you select extra, must be in **packets** (not ounces or pounds), and must be at our regular **single packet price**, not at the special prices we offer in some cases for three or more packets.

Abronia. A beautiful California plant, trailing along the ground and resembling the Verbena. It has fragrant flowers, lilac and rose-colored, and continues to bloom all through the summer and autumn. **Pkt. 5c.**

Ageratum. An annual plant, about 8 inches high and bearing fringe-like flowers. Especially useful for beds, as the plants are covered with flowers all summer. **Blue, pkt. 5c. Pure White, pkt. 5c.**

Amaranthus. The plant grows four or five feet high and bears long tassel-like flowers of a deep-red color. **Pkt. 5c.**

Alyssum. A very pretty little plant, covered with pure white, sweet-scented flowers, which are produced all through the summer.

Sweet Alyssum. Pkt. 5c; 3 pkts. 12c; oz. 25c.

Little Gem. A new dwarf variety, growing only a few inches high, but the plant spreads out to a foot in diameter, and is covered with compact spikes of white flowers all summer. This is a much improved variety. **Pkt. 5c; 3 pkts. 12c.**

Asters.

Asters are easily grown and make a beautiful display of large, handsome flowers during August and September. Seed can be sown in the open ground in May and the plants will flower in September. Earlier flowers can be obtained by sowing the seed in boxes in March and transplanting to the open ground in May or June.

Market gardeners find it quite profitable to raise a few asters to sell in the market. There is always a good demand for them, especially if the best varieties are raised.

Crego Aster. A new American variety that surpasses in size and beauty any asters we have ever seen. The flowers are simply immense, 5 to 6 inches in diameter, and are produced on strong stems often 2 feet long. The flowers are of beautiful form with very long and gracefully curled petals. The flowers are extremely double and very few show any yellow centers. We are sure all who try the new aster will be pleased with it.

MARKET GROWERS will find it a most profitable flower to raise. Its immense size, handsome form and long stems will make it command the highest prices in any market.

We offer seed of our own growing in two colors, **White** and **light P.nk.**, a delicate and charming shade of color. Either color, **pkt. 10c; ¼ oz. 65c; ounce, \$2.50.**

New "Violet King" Aster. A very handsome new Branching Aster of fine form and of a beautiful shade of light purple or violet. The flowers are very large, and are produced on long stiff stems so that they make handsome cut flowers. These beautiful violet colored flowers measuring 4 to 5 inches in diameter are certainly among the finest asters grown. **Pkt. 10c; ¼ oz. 60c.**



CREGO ASTER. (Photograph)



SEMPLER'S PINK BRANCHING ASTER.
(From a Photograph.)

Giant Comet. Mixed Colors. Flower is same as Giant White Comet, but of various colors. Pkt. 8c; 3 pkts. 20c; $\frac{1}{4}$ oz. 35c.

NEW ROSE. Flowers large and resemble a rose. Blooms profusely and is one of the handsomest asters. We offer seeds of the best colors mixed. Pkt. 8c; 3 pkts. 20c.

OSTRICH PLUME, Terra Cotta. A very unique and charming aster having long twisted petals. The flowers are large and of a beautiful shade of salmon pink, a color not often seen in asters. Everyone should have come of this variety. Pkt. 10c.

SPECIAL OFFER. FOUR OF THE BEST ASTERS. We will send one packet each of Sempler's Pink Branching, Violet King, Giant Comet (mixed colors) and New White Branching for 25 cents.

CHOICE VARIETIES OF ASTERS MIXED. We will send a mixture of the seed of Crego, White Branching, Sempler's Pink Branching, Comet, New Rose, Daybreak, Truffaut's, Pæony-flowered Perfection, Hohenzollern (white and dark blue). Pkt. 8c; 3 pkts. 20c.

ASTER PLANTS. We can furnish plants of the following varieties of Asters ready to set out about June 1st.

CREGO. Both White and Pink.

HOHENZOLLERN. Rosy Lilac and Dark Blue.

SEMPLER'S PINK BRANCHING. Shell Pink.

ROSE BRANCHING. Bright Rose color.

VIOLET KING. Light Purple or violet.

These are the best varieties and include all the most desirable colors.

Price of Plants. By mail, 40c. per dozen. By express, dozen, 30c. 50 plants \$1.10; 100 plants, \$2.00.

Hohenzollern Asters. These are superb asters with immense flowers produced on stems often two feet long. They are so large and have such long twisted petals that they are often mistaken for Japanese Chrysanthemums. We know of no larger and finer asters than these except the Crego.

We offer a few of the most attractive colors produced in this new class of asters.

Hohenzollern—White. One of the largest and finest white asters	-	-	-	Pkt. 10c
" Rosy Lilac A charming lavender pink,	-	-	-	" 10c
" Dark Blue. A deep bluish purple,	-	-	-	" 10c
" Mixed. All the above varieties mixed,	-	-	-	" 10c
Special— One pkt. each of the three separate colors,	-	-	-	" 20c

Sempler's Pink Branching. This is one of the handsomest asters. The flowers are large and of fine form, with long, gracefully curled petals, and are of a beautiful shade of clear light pink. They are borne on long, slender stems, so that they are very graceful when used as cut flowers for decorative purposes. The plants make a strong growth and produce great numbers of large perfectly double flowers. We have a very fine strain of this variety. Pkt. 8c; 3 pkts. 20c; $\frac{1}{4}$ oz. 45c; oz. \$1.60.

Sempler's Branching. Mixed colors. These asters are similar to the Pink Branching described above, except in color. We have a mixture of the best colors yet obtained in this class. Pkt. 8c; 3 pkts. 20c; $\frac{1}{4}$ oz. 35c.

White Branching. The flowers are of a slightly different form from those of the Sempler's Branching, the petals being broader and not so much incurved in the center. This variety is one of the most graceful of all white asters, and the plant produces a large number of flowers for a long time. The flowers have long stems and are of good, large size and fine form. Flowers rather late and continues until frost. Pkt. 8c; 3 pkts. 20c. $\frac{1}{4}$ oz., 40c.

Rose Branching. A very handsome rose-colored aster of fine form and charming shade of color. Pkt. 10c.

TRUFFAUT'S PÆONY-FLOWERED PERFECTION. One of the handsomest varieties. The flowers are very large and double, with incurved petals, producing a perfect ball. Plants grow 20 inches high and are covered with flowers. Our seed is a mixture of the most beautiful colors. Pkt. 10c; 3 pkts. 25c.

DAYBREAK. An early flowering variety with very double flowers of fine form and large size. The color is nearly white, but with a slight tinge of pink. The plants produce great numbers of flowers, all of which are large and handsome. Pkt. 10c; 3 pkts. 25c.

Giant White Comet. This is one of the largest of all white asters. The petals are curled and twisted like a chrysanthemum, which gives the flower a very pleasing effect. The plant makes a strong, stocky growth, and is covered with immense, pure white flowers of fine form. Pkt. 8c; 3 pkts. 20c; $\frac{1}{4}$ oz. 35c.



DOUBLE CAMELLIA-FLOWERED BALSAM.

BALSAMS.

These charming flowers can be easily grown in the open ground, and will flower abundantly early in the summer. To the get best results the plants should be thinned out to a foot apart.

Double Camellia-Flowered. These are the finest Balsams in existence. The flowers are **very large and perfectly double**, and grow so thickly on the stems that the plant resembles a mass of bloom from top to bottom. Our seed is of the very finest strain, producing perfectly double flowers of the best form and largest size. **Mixed Colors, pkt. 8c; Pure White, pkt. 10c.**

Double Spotted. Large double flowers, spotted with various colors. Very pretty. **Pkt. 5c; 3 pkts. 12c.**

Rose Flowered. A most beautiful class, the flowers resembling small roses and are perfectly double and of charming colors. **Pkt. 5c; 3 pkts. 12c.**

CENTAUREA.

Centaureas form a class of hardy, vigorous growing annual flowers, of which Bachelor's Button and Sweet Sutton are familiar examples. We are glad to be able to offer a new class which is a wonderful improvement over the older kinds.

Centaurea Imperialis. These beautiful flowers often grow two inches in diameter and have long, graceful stems. The plant is a vigorous grower and blooms for a long time. Seed sown in the open ground in the spring will produce flowering plants in July, and they will continue to flower until fall. A light frost does not injure them. The flowers are pure white, lavender and lavender and white. These new Centaureas are certainly a great addition to our hardy annual flowers, and we are sure they will please all who raise them. **Pkt. 5c; 3 pkts. 12c.**

CALENDULA.

A very charming flower belonging to the Marigold family and cultivated in the same way.

Large Double-flowered Meteor. A beautiful variety, with large golden yellow flowers, having each petal striped with orange. The flowers are perfectly double and often 3 inches in diameter. **Pkt. 5c; 3 pkts. 12c.**

COBCEA SCANDENS.

A very rapid growing climber. From seed planted in the spring the vines will very often grow thirty feet before fall, producing large bell-shaped flowers of a deep violet blue color. **Pkt. 10c; 3 pkts. 25c.**

CANDYTUFT.

Candytuft is a very hardy plant, easily grown and flowers all summer. It is a universal favorite, and is used for beds, borders, pots, etc.

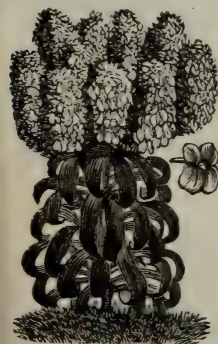
EMPRESS. A new variety producing very long spikes of bloom resembling a White Hyacinth. This is certainly the finest White Candytuft, and every one should have it. **Pkt. 5c; 3 pkts. 12c.**

Dunnett's Crimson. A beautiful red variety. **Pkt. 5c; 3 pkts. 12c.**

WHITE ROCKET. A variety with large spikes of pure white flowers. **Pkt. 5c; 3 pkts. 12c; oz. 25c.**

Sweet Scented, Pure White. The well-known sweet-scented candytuft. **Pkt. 5c; 3 pkts. 12c; oz. 20c.**

Mixed Colors. A mixture of the best kinds and colors. **Pkt. 5c; 3 pkts. 12c; oz. 25c.**



White Rocket
Candytuft.

BACHELOR'S BUTTON.

A very popular flower and one that every one can have, as it is as easy to raise as a weed. Plants grow two or three feet high and bloom continuously.

NEW DOUBLE. Flowers larger than the common Bachelor's Button, and are double and semi-double. The handsomest variety. Flowers produced in the greatest profusion all summer. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

Emperor William. Single flowers of a deep clear blue and of large size. **Pkt. 5c; 3 pkts. 12c.**

Mixed Colors. A mixture of the best single varieties. **Pkt. 5c; 3 pkts. 12c.**

VICTORIA. A new dwarf variety, growing only eight inches high and covered with dark blue flowers all summer. Very pretty for edges or borders. **Pkt. 5c; 3 pkts. 12c.**

BALLOON VINE.

A rapid-growing vine with white flowers, followed by seed vessels resembling small balloons. Sow in May. **Pkt. 5c.**



CENTAUREA IMPERIALIS.

Perennial, White. Hardy Candytuft that will last over winter and bloom very early in the spring before other flowers have started. The flowers are larger than the annual kinds and are very handsome. **Pkt. 5c.**

COLUMBINE. (Aquilegia)

A hardy perennial easy of cultivation. The abundance of showy flowers early in the season and their peculiar formation, render this plant well worthy of a place in every garden. The plants form large clusters, from which their graceful flowers stand on long, slender stems about 1 1/2 to 2 feet high. The plants do not flower the first season from seed, but will flower early the following summer and last for many years.

Fine Double, Mixed Colors. The double flowered kinds are not as large as the single varieties, and in our opinion are not as handsome. **Pkt. 5c; 3 pkts. 12c.**

COERULA. Flowers of the largest size and of a beautiful shade of violet blue with white centers. One of the very handsomest single varieties. **Pkt. 10c; 3 pkts. 25c.**

NEW LARGE FLOWERING HYBRIDS. Composed of some beautiful new varieties, hybrids of the blue and white variety described above, with very large single flowers of various charming colors. **Pkt. 10c; 3 pkts. 25c.**

CALLIOPSIS.

One of the most charming and attractive of annual flowers, easily grown and producing an abundance of flowers all through the summer and autumn.



GOLDEN WAVE CALLIOPSIS.

GOLDEN WAVE. A most attractive and beautiful flower. The plants grow about 15 inches high and are covered with golden yellow flowers with maroon centers. A row or bed of these plants with their long, graceful stems and bright foliage, in contrast with the gorgeous color of the flowers, presents a most pleasing sight. Pkt. 5c; 3 pkts. 12c.

Bicolor. The plants grow two feet tall and produce a profusion of bright colored flowers about one inch in diameter of every shade of yellow, brown and maroon, on long, graceful stems. Very easily raised and will flower all summer. Pkt. 5c; 3 pkts. 12c.

CASTOR OIL BEAN. (Ricinus.)

A very effective plant for lawn decoration or screens. Plant the seed when the soil is warm and where the plants are to grow. It is well to put two or three seeds in a place and thin to one good plant.

CAMBODGENSIS. This is a most attractive and gorgeous variety. The plants grow rapidly, and the dark, reddish bronze leaves with large red veins present a most luxuriant and striking appearance. When young the leaves and stems are reddish brown, while the main stem is a lustrous black, producing a gorgeous effect. Pkt. 5c; oz. 25c.

ZANZIBARIENSIS. The largest variety, often growing 12 feet tall, with enormous leaves measuring over two feet across. The leaves are green, while the stalk, stems and veins of the leaves are red, brown and yellow, producing a gorgeous display of color. Pkt. 5c; oz. 25c

CARNATIONS.

The largest and finest Carnations can only be grown in green houses, but the early flowering kinds described below produce very handsome flowers and will flower in the open ground during the late summer and fall if the seed is sown early in the spring in boxes placed in the house window and the plants set out in the open ground when danger of frost is past.

Marguerite. The earliest flowering variety of Carnation and has large handsome flowers and the plant is of robust upright growth and needs no support. Plants commence to flower early and continue for a long time. Mixed colors. Pkt. 8c; 3 pkts. 20c.

New Giant Marguerite. A new, and improved strain with very large flowers produced on longer stems than the older kind. These are the finest Carnation that can be raised in the open ground. Pure White. Pkt. 10c. Mixed colors, pkt. 10c; 3 pkts. 25c.

CARNATION PLANTS. See page 59.

COCKSCOMB.

Easily grown and very showy and brilliantly colored plants. Sow the seed in the open ground where the plants are to grow.

TOMPSONI MAGNIFICA. A very handsome new variety that should be better known. The plants grow two to three feet high, and are covered with long graceful plumes of most intense crimson, scarlet and yellow. There is no flower that will produce such a brilliant mass of color as this. The plants are rapid growers and will flower from July until frost, and present a most attractive bit of color in any garden. We offer two colors separate. Crimson, pkt. 10c; Golden Yellow, pkt. 10c. One packet of each for 15c.

CLARKIA.

Plants 2 to 2½ ft. high and covered with very pretty double flowers. Very handsome and ornamental plants and should be more generally grown. Easily raised from seed sown in the open ground in the spring. Double Mixed Colors, pkt. 5c; 3 pkts. 12c.



NEW MARGUERITE CARNATIONS.

COSMOS.

One of the most attractive and useful flowers, now becoming very popular. The plant grows three to five feet high, with long graceful stems and fine feathery leaves. The flowers resemble single dahlias, but not quite so large, and are very pretty and attractive for table or house decoration. The plants will endure a hard frost and will flower until late in the fall.

NEW EARLY FLOWERING COSMOS. This is an early flowering variety of Cosmos, with flowers as large as those of the old varieties and will flower a month earlier. Seed sown in the open ground in May will produce flowering plants in August, which will continue flowering all through the fall. A very attractive and beautiful flower for cutting or for decorating gardens and lawns. The colors are of various shades of lavender, purple and pink, as well as pure white. Pkt. 5c; 3 pkts. 12c; $\frac{1}{4}$ oz. 20c.

Dawn. This variety belongs to the early flowering class. The flowers are of a delicate pink shade, nearly white around the edges. Pkt 5c; 3 pkts. 12c; $\frac{1}{4}$ oz. 20c.

MAMMOTH FLOWERING COSMOS. The flowers of this improved Cosmos grow very large, often measuring three inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from four to five feet high, and the flowers have long, graceful stems, and are most attractive and beautiful. In order to get them to flower early in the fall in this latitude the seeds should be sown in pots or boxes in March and the plants set out in the open ground in May. They will well repay all the trouble spent on them. Pkt. 8c; 3 pkts. 20c.



COSMOS "DAWN." (From a Photograph.)

CANNAS.

The seed should be sown in a box or pots in February or March, and the plants set out when danger of frost is past.

Canna Seed. The handsomest named varieties of Cannas can only be grown from bulbs, but some very nice ones can be raised from seed. We offer seed of the large flowering French Cannas, which are by far the finest Cannas grown. Soak the seed in warm water for a few days before planting. Pkt. 10c; oz. 25c.

CANNA BULBS. See Flowering Plants and Bulbs, page 58.

CHRYSANTHEMUMS.



WHITE PEARL CHRYSANTHEMUM.
(Photograph.)

fall. This is the finest variety we have seen. Pkt. 5c; 3 pkts. 12c.

Dunnett's New Double Yellow. Medium size double flowers much like the White Pearl, except in color, which is a pleasing shade of yellow. Flower profusely from summer until late in the fall. Pkt. 5c; 3 pkts. 12c.

Coron, Double White. Very popular; almost perfectly double and continues in bloom very late in the season. Pkt. 5c; 3 pkts. 12c.

The annual Chrysanthemums raised from seed are entirely different from the large Japanese varieties grown in green-houses. The annual kinds have small flowers of bright colors and fine dark green foliage. Very easily grown from seed sown in the spring in the open ground.

WHITE PEARL

A very handsome annual chrysanthemum with very pretty double white flowers, slightly yellow in the center. The plants grow 3 feet high and are covered with hundreds of flowers during the summer and

DAHLIAS.

Dahlias, especially the single varieties, can easily be raised from seed by sowing the seed in a box or pot in February or March and transplanting into other pots as the plants commence to crowd. Set in the open ground when warm and support with stakes. The plants will flower the first year, and the roots can be saved and will flower much earlier the second year.

New Single Dahlias. These are becoming very popular and fashionable flowers. Our seed is a mixture of the finest single varieties with largest flowers and best colors. Pkt. 5c; 3 pkts. 12c.

Double Dahlias. Seed saved from the largest and finest Double Dahlias, and will produce a high percentage of fine double flowers Pkt. 10c; 3 pkts. 25c.

DELPHINIUM, or Larkspur.

Very ornamental plants, producing long spikes of brilliant flowers. Easily raised by sowing the seed early in the spring in the open ground and thinning the plants so that they stand two feet apart.

Tall Branching Larkspur. An annual variety easily raised and flowers early in the summer from seed sown in the open ground in the spring. The long spikes of flowers reach 2 to 3 ft. in height and are of many shades of color, from deep blue to white, pink and violet. They make a very attractive and brilliant display in the garden and are useful as cut flowers. Mixed colors. Pkt. 10c; 3 pkts. 25c.

DELPHINIUM Semi-dwarf Hybrids. A hardy perennial that will last for years when once started. Does not usually flower the first year. The spikes of flowers are often 2 feet long, and the flowers are of beautiful shades of blue, ranging from light to the deepest indigo. The plants do not grow quite as tall as the old kinds and have longer spikes of flowers. Pkt. 8c; 3 pkts. 20c.

DIANTHUS, OR PINKS.

Very popular and effective flowers, easily raised and afford a constant supply of bright, handsome flowers during the summer and autumn.



DOUBLE DIANTHUS, HEDDEWIGI. (From a Photograph.)

New Cyclops Pink. A hardy, ever-blooming and fragrant pink, which will stand the winter and flower for a number of years. The flowers are single, semi-double and double, and of delicious fragrance. They are borne in great profusion from May until frost, after the plant is established; and if the seed is sown early in boxes in the house or hotbed they will flower the first season. The plants grow from 12 to 15 inches high and are valuable for bedding as well as cutting. The seed we offer is of a new strain, with flowers of deeper and more brilliant colors than formerly produced. Pkt. 10c; 3 pkts. 25c.

SHASTA DAISY.



SHASTA DAISY.

This new Daisy originated in California and has met with great popularity. The flowers are like the wild Marguerites but very much larger, often measuring four inches across, and are produced well above the plant on long graceful stems, 1 to 2 feet in length, making very handsome flowers for vases and decoration.

If the seed is sown in the open ground in the spring good large plants will be obtained for flowering the following year. Pkt. 10c; 3 pkts. 25c.

FOXGLOVE. (Digitalis.)

Very easily grown and the spikes of flowers are stately and beautiful. Sow the seed in the spring and thin out to a foot or more apart. Foxglove is especially handsome when planted along a wall or fence or as a background for other flowers. The plants will last for years without any protection.

Gloxinioides. The handsomest variety, with gloxinia-like flowers. Mixed colors. Pkt. 5c. White. Pkt. 10c.

Double Varieties of Dianthus.

Heddewigi, Double Japan Pink. Remarkably large and double, and of brilliant colors. The flowers are as large as the finest Carnations. The plants flower all through the late summer and fall, and produce their gorgeous colored flowers in great profusion. Our strain of these Pinks is very fine. Mixed colors. Pkt. 5c; 3 pkts. 12c; oz. 60c.

FIREBALL. A new and very handsome Double Dianthus, of a clear, pure brilliant scarlet, with no purple shade. The flowers are large and double, and resemble a fine bright red carnation. They not only make a brilliant show on the plant, but they are very handsome as cut flowers. Pkt. 8c; 3 pkts. 20c.

Laciniatus. (Fringed) This is a beautiful variety of Double Japan Pinks. The petals of the flowers are fringed at the edges, which produce a very pleasing effect. The flowers are very large and of many beautiful colors. Pkt. 5c; 3 pkts. 12c.

Chinensis, Double Chinese Pink. Flowers very double and produced in clusters. Mixed colors. Pkt. 5c; 3 pkts. 12c.

NEW SINGLE DIANTHUS. The single flowering Dianthus makes a most brilliant show of color in the garden. They flower continuously through the summer and fall, and a bed or border of them is very attractive. Mixed colors. Pkt. 5c; 3 pkts. 12c.

EVERLASTINGS. (Helichrysum Monstrosum.)

These annual Everlastings are easily grown and bloom profusely in September and October. If the flowers are picked when they are but half open they will last for a year or more. The seed is sown in the open ground in the spring.

Salmon Pink.
A new and very attractive color in this flower. Pkt. 5c.

Mixed Colors.
A collection of the handsomest colors, from pure white to deep red. Flowers large and double. Pkt. 5c; 3 pkts. 12c.



EVERLASTINGS.

FORGET-ME-NOT. (Myosotis.)

A half hardy perennial easily grown from seed. It does best in a moist situation. It flowers the first season, and will live over winter if given a covering of leaves or other light protection, and will last for a number of years.

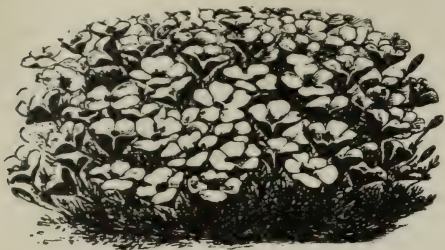
Palustris. The true Forget-Me-Not. Dark blue flowers with white centers. Pkt. 5c; 3 pkts. 12c.

Sylvatica. Grows taller than the ordinary variety. The flowers are large, light blue, with yellow eyes. Does not flower the first season grown from seed. Pkt. 5c; 3 pkts. 12c.

ESCHSCHOLZTIA, or California Poppy.

A very ornamental trailing plant with silvery leaves and large bright-colored saucer-shaped flowers. The plants spread over the ground two feet or more and their flowers stand above the leaves in great profusion. Very easily raised and will bloom from July to October.

Golden West. Large bright yellow flowers. The flowers are larger and handsomer than the old yellow variety. Pkt. 5c; 3 pkts. 12c.



ESCHSCHOLZTIA.

Carmine King. The most beautifully colored variety. The large flowers are of a charming shade of carmine or rose color on both sides of the petals. This is a new kind that will please all who raise it. Pkt. 10c.

GAILLARDIAS.

The Gaillardias are not only strikingly beautiful, but are very easily cultivated. They are of two distinct types. The single varieties are perennials and do not reach perfection until the second year when they are very handsome. The flowers measure from two to three inches in diameter, and are of very brilliant colors. The plants grow low and spreading, and the flowers are borne on long stems. The double variety is an annual and flowers the first season only. It is a very showy, brilliant-colored flower, and blooms profusely all through the late summer and autumn. The seed can be sown in the open ground and the plants should be thinned to 8 to 10 inches apart.

Single Gaillardias. Very large and showy red flowers, bordered with deep yellow. Pkt. 5c; 3 pkts. 12c.

Double Gaillardias. Entirely different from the single varieties. The flowers are smaller and they bloom two months after sowing the seed. Pkt. 5c; 3 pkts. 12c.

GOURDS.

Cultivation similar to squash. The vines can be allowed to run on the ground, but gourds are usually planted where the vines can run over a fence, arbor, or old tree. They are excellent climbers, and the fruit has such a variety of forms and colors, that a collection of gourds is exceedingly interesting.

Dipper Gourds. The fruit at one end is long and slim and bulges at the other end so it can be used for dippers. Pkt. 5c; oz. 15c.

Japanese Nest Egg. Fruit white and resembling an egg in size and shape. Does not crack and is not injured by ordinary heat and cold. A vigorous grower and a decidedly ornamental climber. Pkt. 5c; oz. 15c.

MIXED SMALL SORTS. A fine mixture of a large number of small ornamental sorts imported from Germany. Pkt. 5c; 3 pkts. 12c.

HOLLYHOCKS.

The seed is often sown in July or August, and the plants will then flower early the following year. They are perfectly hardy.

CHATER'S SUPERB HOLLYHOCKS. A magnificent strain of Hollyhocks. The flowers are of the largest size, perfectly double and grow close together on the stem, forming a mass of the most beautiful flowers, equal to camellias. These are undoubtedly the finest double Hollyhocks grown. Pkt. 10c; 3 pkts. 25c.

Fine Double. Mixed colors. Pkt. 8c; 3 pkts. 20c.

New Annual Hollyhocks. Bloom in August from seed sown in the spring. The seed of these new Hollyhocks may be sown in the spring (May) and the plants will bloom in August, or if earlier flowers are desired the seed may be started in the house in March and the plants set out where they are to grow when the weather is warm. The flowers are semi-double and single and are of very attractive colors. Pkt. 10c; 3 pkts. 25c.

Hollyhock Plants. (See Flowering Plant department, pages 59)

MARIGOLDS.

Marigolds are very easily grown, and are among our most satisfactory annual flowers.

There are two distinct varieties of Marigolds. The French or dwarf varieties grow only about a foot high, and have small bright colored flowers, while the African Marigolds have much larger flowers and grow two to three feet tall.

Double French Dwarf. Plants grow about one foot high. Flowers orange, brown and yellow, mixed. Pkt. 5c; 3 pkts. 12c.

"LEGION OF HONOR." This single dwarf variety has flowers of the brightest yellow and maroon, which make a beautiful show in a border or bed, and are also very pretty as cut flowers. Pkt. 5c; 3 pkts. 12c.

Gold Striped. A double French dwarf variety. Plants grow one foot high and are covered with bright colored double flowers in the greatest profusion. The petals are a beautiful red brown, margined with bright yellow, producing a very pleasing effect. Pkt. 5c; 3 pkts. 12c.



DOUBLE AFRICAN QUILLED MARIGOLD.

Double African Quilled. Plants grow from two to three feet high. Flowers very large, measuring from three to four inches in diameter, perfectly double and with quilled petals. We offer two distinct colors, light yellow and orange, mixed. Pkt. 5c; 3 pkts. 12c.

MORNING GLORY.

Morning Glories make a very rapid growth and produce vines 10 to 15 feet high during the summer from seed sown in the spring.

Mixed Colors. A mixture of the best varieties of the old climbing Morning Glory. Pkt. 5c; 3 pkts. 12c.

Striped Rose. A mixture of the finest rose-striped Morning Glories. Pkt. 5c; 3 pkts. 12c.

NEW JAPANESE MORNING GLORY. The Japanese have made wonderful improvements in the Morning Glory. The new Japanese varieties are of great size, the flowers being twice as large as the common Morning Glory, and the colors and markings are of remarkable beauty. The foliage is also very ornamental, being variegated, striped and marked with different shades of green and white. The vines grow with great rapidity often reaching a height of 20 feet, and flower early in the season and continue all through the summer. Our seed is of a very fine strain comprising many plants with variegated leaves and flowers of the largest size and most attractive colors. Pkt. 5c; oz. 20c.

NEW BLUE MORNING GLORY "ROCHESTER." This new Morning Glory is remarkable for the large size of the flowers, (which are often 4 inches in diameter,) and the great vigor of the plant and foliage. The leaves are of immense size and cover the whole plant from the ground up. The plants grow 10 to 15 feet high and are covered with their large flowers, which are deep blue in the throat shading to lighter, and bordered with pure white on the edge. A most ornamental plant. Pkt. 5c; 3 pkts. 12c.

MIGNONETTE.

ALLEN'S DEFIANCE. This improved variety has magnificent long spikes of flowers of very rich fragrance. The spikes of flowers under favorable circumstances sometimes grow over a foot long, and will last a long time after cutting. Pkt. 5c; ¼ oz. 15c; oz. 40c.

MACHET. The plants are of a dwarf habit and produce an abundance of very large spikes of flowers being three times as large as the common kind, and continue in flower much longer. We highly recommend it for house or outdoor culture. The flowers are of a red tinge and the fragrance is delicious. Pkt. 5c; ¼ oz. 20c; oz. 35c.

Goliath. A new brilliant red variety with immense spikes of flowers and very luxuriant foliage. The florets are unusually large and clustered thickly along the stem and are of a bright red color, which gives the flower spikes a most pleasing and brilliant appearance. The fragrance is powerful and delicious. Undoubtedly one of the very finest varieties for house culture or open ground. Pkt. 10c; 3 pkts. 25c.



LOBB'S NASTURTIUMS

Caprice. Flowers of largest size and beautifully marked and colored with various shades of yellow and red combined in the most attractive way. Flowers marked in two or three different ways will often be found on the same plant. Pkt. 5c; oz. 15c; ¼ lb. 35c.

Midnight. Flowers of a deep rich red-brown—the darkest red of all Nasturtiums. The large size of the flowers and their rich coloring make them most desirable and attractive. Pkt. 5c; oz. 15c; ¼ lb. 35c.

Rudolph Virchow. A very handsome rose pink of a bright and rich hue. It is much the finest pink variety we have seen, and should be in every collection. Pkt. 5c; oz. 15c; ¼ lb. 40c.

Croesus. Very large yellow flowers beautifully marked and blotched with a rich shade of red. The three lower petals are also heavily fringed at the throat which gives the flowers a very charming appearance. The ground color of the flowers ranges from light lemon yellow to deep orange. Pkt. 5c; oz. 15c; ¼ lb. 35c.

SPECIAL OFFER. We will send one packet each of the above four New Nasturtiums for 15c. or one ounce of each for 45c.

Dwarf or "Tom Thumb" Nasturtiums.

and borders

QUEEN OF TOM THUMBS. A new variety with ornamental foliage, the leaves being mottled and veined with white. The flowers are of various shades of yellow and scarlet. Very useful for borders as the plants are very ornamental even when not in flower. Pkt. 10c; oz. 40c.

Mixed Colors. A mixture of the best colors in the Dwarf class with green foliage. Pkt. 5c; oz. 15c; ¼ lb. 35c.

Golden Queen. Flowers of a golden yellow hue, large and compact. A very beautiful variety. Pkt. 5c; 3 pkts. 12c.

Sweet Mignonette. Very fragrant, largely grown for bees. Pkt. 5c; oz. 10c; ¼ lb. 30c.

NICOTIANA.

This is a handsome annual flower, easily raised from seed sown in the open ground. Plants grow about two feet high and flower from August until frost.

Affinis. Long, trumpet-shaped white flowers with a delicate and delicious fragrance. Pkt. 5c.

SANDERÆ. A new variety, with bright carmine-red flowers. The plant grows two feet tall and forms a bushy plant completely covered with large, bright red flowers, being much more prolific of bloom than the old variety. Every one should raise a few plants of this charming new flower. Pkt. 10c.

SANDERÆ HYBRIDS. These new Hybrids of Nicotiana Sanderæ have flowers of various colors, ranging from light pink to purple and bright red. Pkt. 10c.

NASTURTIUMS.

There is no flower more easily raised than Nasturtiums, and they are so graceful and of such beautiful colors that they stand at the head of all annual flowers in merit and popularity. They are beautiful in beds and borders, and are also largely grown in hanging baskets and boxes outside of windows and on balconies, and for training on trellises. Seed should be sown about the middle of May in this latitude.

LOBB'S IMPROVED NASTURTIUMS. The vines do not grow as long and rank as the common tall Nasturtiums, which often entirely hide the flowers, but are covered with a mass of the most brilliant colored flowers of large size and most graceful form. A row or bed of these Nasturtiums is unsurpassed for beauty and attractiveness, and will be found a constant source of pleasure. They are among the finest Nasturtiums for growing in boxes or baskets as well as for outdoor culture. Our seed includes the finest varieties and colors, from very dark red to the lightest yellow. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.

MADAME GUNTER'S HYBRIDS. These are new and charming varieties of Lobb's Nasturtiums which were selected especially for the beauty and variety of their coloring and size of the flowers. The colors are more varied and more attractive than those of any other Nasturtiums, and the flowers are of the largest size. The foliage is also colored in many instances, which adds to their charm in no small degree. Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.20.

Tall Nasturtiums. Very vigorous vines, growing 10 to 15 feet long if given support on which to climb; flowers of the largest size and beautiful colors. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.

Selected Named Varieties of Tall Nasturtiums. We offer some new kinds that we have found to be very fine. They have much larger flowers than the old type.

PANSIES.

Seed sown in February or March in boxes in the house will produce fine flowers in the summer and all through the fall. If flowers are desired early in the spring seed should be sown in August and the plants wintered in cold frames, but such plants do not stand summer heat well. Seed sown in the open ground in the spring will produce flowering plants in August and September, and these plants may be wintered over with a slight protection of leaves for early flowers the next spring.

Masterpiece or Giant Ruffled Pansies.

A new strain of Giant blotched pansies with undulated or ruffled petals, which give the flowers an unusual and handsome appearance. The flowers are of the largest size and beautiful colors, and the frilled or ruffled petals add greatly to their beauty. The plant is of strong growth and stands well in hot weather. Pkt. 15c; 2 pkts. 25c; ¼ oz. \$1.40.

Masterpiece Exhibition. This strain is made up by selecting the handsomest colored and largest and most perfectly formed flowers of the Giant Ruffled type. Those who want to raise the very finest Ruffled pansies that can be obtained should certainly use the "Exhibition" strain. Pkt. 20c; 3 pkts. 50c.

Bugnot's Superb Pansies. This strain comprises a great variety of the richest and rarest colors and most beautifully marked pansies, which are so much admired by all lovers of this flower. The flowers are very large and all five petals are bloched with deeper color than on the edges and many flowers are veined and marked in a beautiful and interesting way. Pkt. 15c; 2 pkts. 25c; ¼ oz. 85c.

Bugnot's Brown Varieties. This mixture is composed exclusively of the brown shades of Bugnot's Superb Pansies, which are always so much desired. They are very handsome pansies and the colors are quite novel. Pkt. 10c.

Trimardeau, or Giant Pansies. These are among the largest pansies grown. The flowers are of beautiful colors and good form which, combined with their enormous size and vigorous and compact growth, places them among the finest of all pansies. Pkt. 10c; 3 pkts. 25c; ¼ oz. 55c; oz. \$2.00.

Striped and Mottled Pansies. This class comprises some of the most interesting and attractive pansies, the flowers being striped and marked with a great variety of colors, making them very interesting and beautiful. Pkt. 10c; 3 pkts. 25c; ¼ oz. 35c.

We will send one packet each of Bugnot's, Trimardeau and Striped and Mottled Pansies for 25c.

New Orchid-Flowered Pansies. A very unique and beautiful new class of Pansies distinguished particularly for their delicate and beautiful coloring and peculiar form. The flowers are of medium size and of distinct shape, the two upper petals being elongated and stand upright, and they are beautifully veined with darker shades on light ground colors. All lovers of pansies should try this new class. Pkt. 15c; 2 pkts. 25c.

Fairy Queen. A beautiful sky blue pansy edged with pure white. A most charming variety and one that flowers most profusely. Everyone should have at least a few plants of this variety, as the color is an unusually handsome shade of violet blue. Pkt. 10c.

SPECIAL OFFER. We will send one packet each of Bugnot's Superb, Masterpiece and Fairy Queen Pansies for 30c; or these three and also one packet New Orchid-Flowered for 40c.

Snowflake. A beautiful snow white pansy with flowers of the largest size and handsomest form. The finest white pansy we have seen. Pkt. 10c.

A Mixture of Magnificent Pansies. Among the largest, newest and most beautiful strains of Pansies are Bugnot's Superb, Odier or Giant Stained, and Cassier's Giant Blotched Pansies. These three embrace all the rarest and most attractive colors and markings yet attained in pansies. We offer a mixture of these three superb strains, which is absolutely unsurpassed for novelty and variety. Pkt. 15c; 2 pkts. 25c; ¼ oz. \$1.25.

NEW GOLDEN YELLOW PANSY. This is a beautiful pure golden yellow Pansy, of large size and very handsome. Everyone should have a few plants of this pansy. Pkt. 10c.

STRIPED AND MOTTLED PANSY. Mixed Colors. A good mixture of nice Pansies. Pkt. 5c; 3 pkts. 12c.

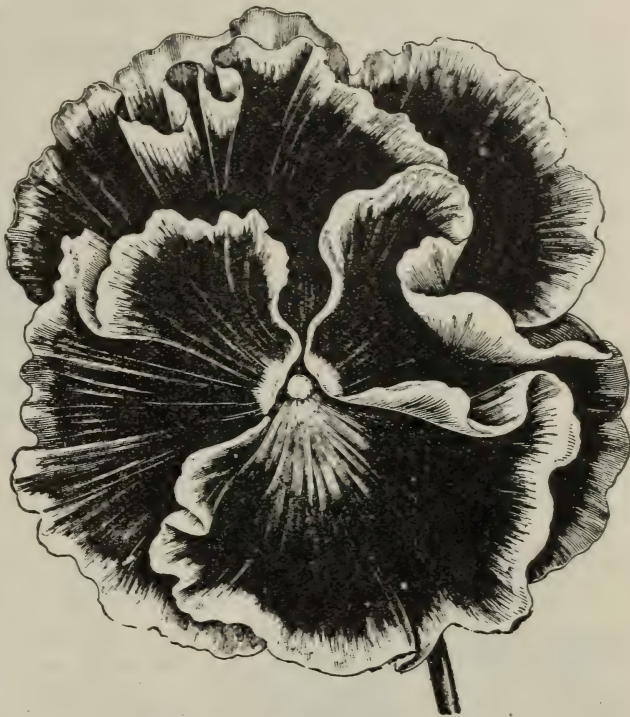
PHLOX DRUMMONDI.

Phlox make a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Sow seed in the open ground in the spring. All three kinds named below are of the improved "Grandiflora," or large-flowering strain, which produces much larger flowers than the old kind.

Brilliant Scarlet. Flowers large and of an intensely brilliant scarlet color. Pkt. 5c.

Pure White. Large, clear white flowers. Pkt. 5c; 3 pkts. 12c.

Mixed Colors. A great variety of the most brilliant colors and beautiful markings. A bed or border of these Phlox is a beautiful sight. Pkt. 5c; 3 pkts. 12c; ¼ oz. 25c; oz. 75c.



MASTERPIECE OF RUFFLED PANSIES.



STRIPED AND MOTTLED PANSY.

Sweet Peas.

Every one who has any land at all should raise Sweet Peas. They are easily raised and will give more pleasure and enjoyment for a little trouble than any other flowers. The seed should be sown very early in the spring.

SELECT LIST OF THE BEST VARIETIES.

We do not offer a very long list of varieties, but what we have are the cream of the newer and most improved kinds. They include all the most desirable colors and varieties worth raising.

Quantity of Seed Required. An ounce of Sweet Peas will sow about 10 ft. of row. A pound equals a pint and will sow about 150 feet of row.

New "Spencer" Varieties.

The Sweet Pea called Countess Spencer marked the arrival of a new class of this flower. This variety not only has very large flowers, but the petals are waved or fluted which gives the flower a charming appearance. Since the introduction of the Countess Spencer many new colors have been obtained in this class and are known as "Spencer varieties." We offer below some of the best of these new kinds. They are certainly the largest and handsomest Sweet Peas grown

Countess Spencer.

The first of the new Giant fluted class and a most beautiful flower. The color is a clear light pink, deeper at the edges of the petals which are beautifully waved or fluted. Should be in every collection. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Phyllis Unwin.

A beautiful shade of rose color. The flowers are of the largest size and produces 3 and 4 on a stem. The best of this color. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.35.

Paradise.

A charming shade of soft pink like Enchantress Carnation. Flowers large and of expanded form. The handsomest light pink. Our seed is of a carefully selected strain which will produce flowers true to the type. Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$2.00.

Frank Dobly.

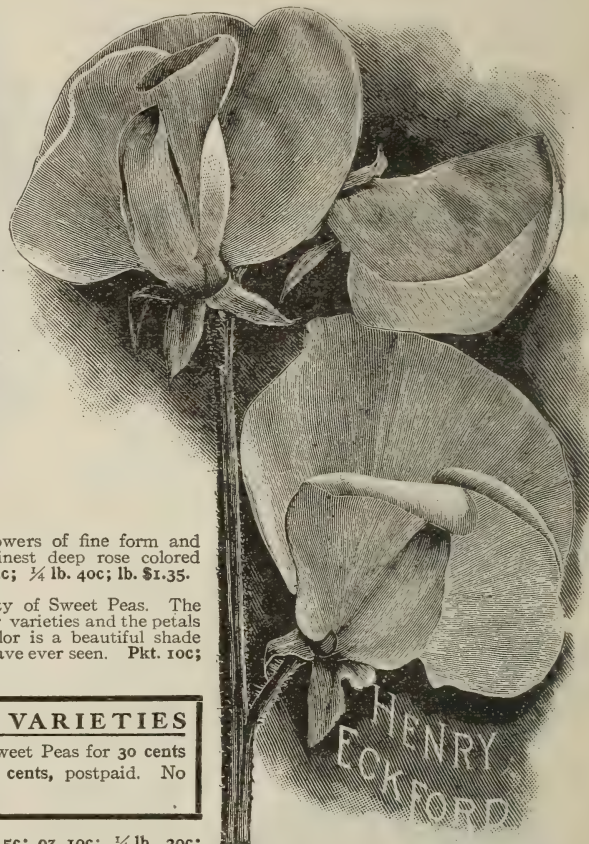
This is considered the best pale blue or light lavender sweet pea. It is of a delicate and charming shade and the flowers are of the largest size and beautifully fluted. Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$2.00.

George Herbert.

A bright rose carmine with very large flowers of fine form and very much fluted. One of the very finest deep rose colored varieties. Our seed is of a very fine pure strain. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.35.

Helen Lewis.

We have never seen a more charming variety of Sweet Peas. The flowers are much larger than any of the older varieties and the petals are crimped or fluted on the edge in a beautiful manner. The color is a beautiful shade of deep orange pink. The finest Sweet Peas of this color we have ever seen. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.10



SPECIAL OFFER FOR ABOVE NEW VARIETIES

We will send one packet of each of above six new varieties of Sweet Peas for 30 cents or one ounce of each, amounting at list prices to \$1.00, for 65 cents, postpaid. No discount or "premium" will be allowed on this special price.

PRICE OF THE FOLLOWING CHOICE VARIETIES: Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 55c. postpaid. By express 45c. per lb. SEE SPECIAL OFFER PAGE 55.

Henry Eckford.

A magnificent large flower of a new color — bright orange-scarlet, a most brilliant and attractive color. In addition to this the flowers are of the very largest size and most beautiful form, and are produced on long stems so that they are very effective when bunched. Certainly one of the finest varieties introduced in many years.

Queen Alexandra.

A new brilliant scarlet variety with very large expanded flowers of the finest form. The flowers are produced on long stems and often four flowers to a stem. One great advantage of this new kind is that the color does not fade like other scarlet varieties. The best scarlet sweet peas yet produced.

Flora Norton.

A new light blue or lavender variety that surpasses any other of its color for the clearness and richness of the shade. The flowers are large and of handsome form, and the color is very attractive, especially when massed by itself. Commences to flower very early.

Janet Scott.

Those who know the beautiful soft pink color of the well-known Katherine Tracy Sweet Pea will appreciate the merits of this new kind when we say that its color is of the same attractive shade but deeper and richer, and that the flowers are usually borne three on a stem and are of large size and beautiful form.

GOLDEN ROSE. Very large flowers of a primrose-yellow, tinted and marked with light rose color.

MARCHIONESS OF CHOLMONDELEY. A new variety having very large flowers of a soft shade of light pink, very delicate and beautiful.

DOROTHY ECKFORD. A magnificent pure white flower of the largest size and of great substance. It is considered the very best white yet produced. It is of vigorous growth and produces three flowers on a stem.

LADY NINA BALFOUR. One of the best lavender or mauve sweet peas. The color is soft and beautiful, and the flowers are especially effective when massed by themselves.

KING EDWARD VII. Magnificent large flowers of an intensely bright crimson. One of the finest pure bright red varieties.

COQUETTE. Color a beautiful shade of deep primrose with a lavender shade on the central petals.

OTHELLO. A magnificent large flower of a very dark red or maroon. The finest dark colored sweet pea.

MRS. DUGDALE. The flowers are of the largest size and the color is a soft carmine rose—a beautiful shade. The flowers hold their color well and are very handsome when bunched together.

Navy Blue. Color a deep purplish blue, and the flowers are of the largest size and fine form. The vine is a most vigorous grower and the flowers are produced in clusters of three or four on a stem. A variety of great merit.

LADY MARY CURRIE. The upper portion is salmon pink, delicately veined, while the lower portion is a soft rose pink, lined with deeper shades. The flowers are of the large size and good form. One of the finest pink varieties.

PRINCE OF WALES. Bright rose-colored flowers of large size and handsome form, growing three on a stem. One of the most attractive varieties.

Blanche Burpee. White. Very large pure white flowers of expanded form. Flowers early and profusely.

Extra Early Blanche Ferry. Pink and White. This new extra early strain flowers a week or ten days earlier than the old Blanche Ferry, which is the best pink and white variety.

NAMED VARIETIES MIXED. This mixture is composed of the best and newest named varieties as described above. The different colors are put in such proportion as to produce the best effect

when in flower. We are sure this seed will give the best of satisfaction to all who sow it. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 45c. By express, lb. 35c; 2 lbs. 60c.

MIXED COLORS. Eckford's New Varieties Mixed. This mixture includes the finest varieties produced by Mr. Henry Eckford, of England, who has done more to improve the Sweet Pea than any other man living. The flowers are of large size and of great variety of colors and markings. Very much superior to the ordinary "mixed" Sweet Peas. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c. By express, lb. 30c; 2 lbs. 50c.

Dwarf, or Cupid. The plants grow only six or eight inches high and produce flowers as large as the tall growing kinds. They are very pretty and ornamental plants

We offer a mixture of many new and beautiful varieties of Cupid or Dwarf Sweet Peas. Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c. postpaid.

SPECIAL OFFER. We will send one Packet each of any SIX of the above named varieties (except the first 6 "Spencer" varieties) for 20c; or any TEN for 30c. One ounce each of any FIVE varieties (except the "Spencer" varieties) for 30c; or any TEN varieties for 50c. No discount or premium will be allowed on these special prices.

An ounce of each of ten varieties will make a remarkably beautiful collection of Sweet Peas, with enough of each to keep the different colors separate or to combine them in the most effective way.

PETUNIAS.

Petunias are particularly useful for beds and masses, where their bright, rich and varied colorings produce a brilliant effect on lawns and in gardens.

New Ruffled Giants. These new Petunias have enormous single flowers, beautifully ruffled on the edges. The colors are of many delicate shades. The plants are of robust habit and vigorous growth. These are among the finest single Petunias grown. Pkt. 15c; 2 pkts. 25c.

New Single Fringed. These are among the most charming single flowering Petunias. The flowers are of the largest size, beautifully ruffled and fringed around the edges and are of the most delicate and charming colors. Pkt. 20c.

Double Flowering Fringed. The largest and finest of all Petunias, but very difficult to raise. The flowers are very large and beautifully fringed. About half of the flowers are double, the rest being semi-double. The seed is very small and difficult to germinate, and as it is very expensive great care should be taken not to cover it too deeply or let it dry out. Pkt. containing not less than 75 seeds, 25c.

NOTE.—The above kinds should be sown in pots or boxes and the young plants transplanted as soon as large enough.

Fine Mixed Sorts. A mixture of the most brilliant colored small-flowering single Petunias. Well suited for sowing in the open ground. Pkt. 5c; 3 pkts. 12c.

PORTULACA.

Double-Rose Flowered. The finest of all Portulacas. The flowers are double and resemble a perfect rose. Our seed is the very finest obtainable, and will produce a large percentage of beautiful double flowers of many charming colors. Mixed Colors. Pkt. 10c; 3 pkts. 25c.

Single, Finest Mixed. A mixture of the largest and most brilliantly colored single varieties. Pkt. 5c; 3 pkts. 12c.

POPPIES.

Poppies are so easily grown and present so gorgeous a display of beautiful colors and graceful flowers that every one should have them in abundance. The flowers are much handsomer if the seed is sown in August or September, and the plants allowed to stand over winter. They will then flower early in the summer.



New Admiral Poppy.

A new variety that is very handsome. The flowers are large and are produced on stems nearly two feet long. The color combination is clear white, edged with a broad band of brilliant scarlet around the edge. This is one of the most showy and attractive poppies we have ever seen.

Pkt. 10c; 3 pkts. 25c.

NEW ADMIRAL POPPY.



NEW SINGLE FRINGED PETUNIAS.

DOUBLE RANUNCULUS-FLOWERED. Very handsome double flowers growing on long slender stems. They are of bright, attractive colors, and produce a charming effect where grown in clumps or masses. Pkt. 5c; 3 pkts. 12c.

CARDINAL POPPY. New Hybrids. "The Cardinal" is a magnificent, large double Poppy, of a glowing scarlet color; but we are now able to offer some new colors, ranging from pink to deep red. The plants are of dwarf or compact growth and produce their enormous ball-like flowers in great profusion, and continue to flower an unusually long time. Pkt. 5c; 3 pkts. 12c.

Double Carnation. Immense globular flowers, borne on long stems. The flowers are so double that they are as round as a ball and are of many striking colors. Pkt. 5c; 3 pkts. 12c.

NEW TULIP POPPY. The flowers much resemble a bright scarlet tulip, and are very unique and attractive. The flowers are borne on long stems and protrude well above the foliage. A bed or mass of these Poppies presents a most gorgeous blaze of color and will be an ornament to any garden. If sown early the plants flower all through the summer and autumn. Pkt. 5c; 3 pkts. 12c.

Shirley Poppies. These are the most delicately colored flowers are single and semi-double, and are produced on long, slender stems; but their great beauty lies in the exquisite coloring of the flowers which are of many delicate shades of pink and rose color, often shading in a single flower from pure white to deep rose. Mixed colors. Pkt. 5c; 3 pkts. 12c.

New Salmon Shades. These new shades of color in the Shirley Poppies will be welcomed by all. They are very delicate and beautiful. Pkt. 5c.

Iceland Poppies. (Perennial.) The Iceland Poppies differ from other varieties in being hardy perennials and yet flowering the first year from seed sown in the spring. After once started they will last for a number of years and flower constantly from June until October. The flowers are single and of beautiful colors, shading from deep yellow and scarlet to white. They stand in bold relief above the low growing plants on long, graceful stems and have a delicate fragrance. Mixed colors. Pkt. 10c; 3 pkts. 25c.

Orientele. This is another hardy perennial Poppy that will stand our winters without protection and flower most profusely early in the summer. The flowers are very large often 6 to 8 inches across, bright scarlet with dark spots in the center, and are borne on long stems 3 or 4 feet above the ground. A bed or border of these Poppies makes a most brilliant show and will last for years. Scarlet, pkt. 10c; 3 pkts. 25c.

Orientele Hybrids. These new hybrids are of various shades of red not before obtained in this class, and are very handsome. Pkt. 10c.

SALPIGLOSSIS.



SALPIGLOSSIS—From a Photograph.

A very graceful and beautiful flower of easy culture in the open ground. The plant grows about two feet high, with large lily-like flowers. The large flowering varieties have flowers measuring three inches in diameter and of the most beautiful colors. The combinations of shades of colors and the beautiful markings on the flowers are truly wonderful. The plants commence to flower early in the summer and continue in bloom until late in the fall if the flowers are kept picked.

GRANDIFLORA. (Large Flowering.) Flowers large, beautifully colored and marked. In their colorings and general appearance they much resemble orchids. The flowers are of many different colors—blue, purple, orange, gold, maroon, yellow and red, and combinations of these colors. Pkt. 5c; 3 pkts. 12c.

New Emperor. Plants of this new variety are more dwarf and compact than the above kind, while the flowers are equally large. Pkt. 10c; 3 pkts. 20c.

SALVIA.

The plants grow about two feet high and are completely covered with long spikes of brilliant scarlet flowers. Very attractive on lawns and borders and useful for cut flowers. Seed should be sown in March in boxes or hotbeds and the plants set out in the open ground when danger of frost is over. There is no flower that can compare with Salvia in brilliancy of color and profusion of bloom.

SALVIA SPLENDENS. (Scarlet Sage.) Brilliant scarlet flowers borne on long spikes that literally cover the plant. We have an improved **Grandiflora** strain of this Salvia which produces very long spikes of large flowers which last for a month or more without fading. This is the finest Salvia grown. Pkt. 5c; 3 pkts. 12c; ¼ oz. 45c.

Dwarf Salvia. (Salvia Splendens Miniature.) The plants only grow about 18 inches high and are neat and compact, being completely covered with large flowers. Blooms earlier than other kinds, and is especially valuable for planting in borders where the taller kinds would be too high. The flowers are of the largest size and cover the plants from August until frost. Pkt. 8c; 3 pkts. 20c.

Salvia Plants. Those who do not wish the trouble of raising the plants can obtain them ready to set in the open ground. See page 59.

STOCKS.

Ten-weeks Stocks are easily grown and produce an abundance of very fragrant flowers for a long time. They can be grown in the open ground or in pots, and are of the easiest culture, requiring the same treatment as Asters.



Large Flowering Dwarf. Plants grow about a foot high and the flowers are of the largest size and perfectly double and of delicate fragrance. Blooms early in the summer if sown in the open ground in May. Pkt. 10c; 3 pkts. 25c.

English Stock. Flowers mostly double, and plant is of dwarf, compact growth. Mixed colors. Pkt. 5c; 3 pkts. 12c.

Beauty of Nice. This is a new and very beautiful stock, growing two feet tall and having very large double flowers of a delicate shade of pink. The tall branching plants are covered with long sprays of these beautiful flowers, and are extremely handsome either in the garden or as a pot plant in the house. The flowers are so sweet that a few of them will fill a whole room with their delicious fragrance. Seed sown in March will produce flowering plants in August. If the seed is sown in May or June the plants will flower in the fall and continue all winter if placed in pots in the house. Pkt. 10c. For plants of this stock see page 59.

SANVITALIA.

A very pretty bright yellow flower growing on a half creeping plant in the greatest abundance. The flowers resemble a double daisy, and are bright, attractive and easily grown. Cultivate like Phlox.

Sanvitalia Procumbens. The finest double flowers. Pkt. 5c; 3 pkts. 12c.

SUNFLOWER.

Sunflowers make very ornamental screens, and the seed is used for poultry food, for which it is often grown in large quantities.



Stella. (Miniature Sunflower).

This new single sunflower makes a very bright, attractive and ornamental plant. The flowers are 2 1/4 to 3 inches across, and are produced in great profusion on long stems, which makes them excellent for cutting. The plants grow 4 to 5 feet high, and the bright yellow flowers with black centers make them exceedingly ornamental. Sown in May they commence flowering in July and continue all summer and fall. No trouble at all to raise. Pkt. 5c; oz. 25c.

NEW MINIATURE SUNFLOWERS.

New Varieties of Miniature Sunflower. (See photograph) Since the introduction of the Stella Sunflower described above there has been produced a number of others which vary from this in color, shape of petals, etc. Many of them are very interesting and beautiful. The petals in some case are quilled like Cactus Dahlias and some of the flowers are double or semi-double, while the colors range from yellow to light cream. The plants form bushes 4 to 5 feet high and are covered from top to bottom with these pretty star-like flowers. The seed we offer in a mixture of the best new varieties. Pkt. 10c; 1/2 oz. 25c.

Double California. The finest double Sunflower. Plants grow 5 to 6 feet high, and the flowers are large, deep yellow and very double. Pkt. 5c; 3 pkts. 12c; oz. 40c.

Mammoth Russian. Very large size flowers, bearing an abundance of seed. The seed can be profitably raised for poultry food. Pkt. 5c; 1/4 lb. 15c; 1 lb. 25c. See page 43.

SWEET WILLIAM.

A universally admired perennial flower that when once started will last for years. Sow the seed in the open ground in the spring or fall.

Perfection. Extra large flowers of many beautiful colors and markings. Pkt. 5c; 3 pkts. 12c.

VERBENA.

This beautiful flower can be easily raised from seed by sowing in the open ground, and it will flower in the late summer and fall, even after frost. To get early flowering plants the seed should be sown in boxes in the house and the plants transplanted to the open ground when the weather is warm.

Verbena Hybrida. Mixed colors. Pkt. 5c; 3 pkts. 12c.

NEW MAMMOTH. This new strain produces the largest and handsomest flowers, and is one of the finest strains of Verbenas in cultivation.

Mixed Colors. Pkt. 10c; 3 pkts. 25c.

White. Largest pure white flowers. Pkt. 10c.

WALLFLOWER.

A half hardy perennial, easily grown from seed either in a box in the house or in the open ground. The plants should be taken up in the fall and raised in the house where they will flower all winter.

Large Flowered. Single. Mixed colors. Pkt. 5c; 3 pkts. 12c.

Covent Garden. The finest double variety. Pkt. 10c.

ZINNIA.

The Zinnia is admirably adapted to our climate. It is remarkably healthy and vigorous, easily grown and flowers abundantly.

NEW CRESTED ZINNIA. These new Zinnias are the handsomest we have seen. The petals being crimped or quilled relieves the flower of the stiffness which is the drawback to most Zinnias. The colors are also more delicate than are found in other varieties. The flowers are perfectly double and are produced on long stems.

Mixed Colors. Pkt. 8c; 3 pkts. 20c.

White. Pkt. 10c.

Carmine. A beautiful shade of red. A bed of these Zinnias is very handsome. Pkt. 10c. 3 pkts. 25c.

ZEBRA ZINNIAS. Very large double flowers, many of which are striped with two or three different colors, which give them a very attractive appearance. Pkt. 5c; 3 pkts. 12c.

Dwarf Double Zinnias. Dwarf plant, with double flowers of beautiful colors. Pkt. 5c; 3 pkts. 12c.

NEW DOUBLE GIANT. A splendid variety with flowers of the largest size. The plant is of robust growth and produces a profusion of bloom. Mixed colors. Pkt. 5c; 3 pkts. 12c.

Seeds for a Complete Flower Garden at Less than Half Price.

We will send the following collection of Flower Seeds, which amount to \$1.40 at our regular prices, for 65c. postpaid. The collection consists of the following varieties, all of which are easily grown in the open ground by simply sowing the seed in the Spring in good soil. These are the very finest varieties we have and will produce beautiful flowers if given the proper care.

	Regular Price
1 Pkt. ASTER, Crego, pink	.10
1 " " Semple's Branching, mixed colors	.08
1 " BALSAM, Double Camellia Flowered, mixed colors	.08
1 " CANDYTUFT, Empress	.05
1 " CALLIOPSIS, Golden Wave	.05
1 " CARNATION, Marguerite	.08
1 " COSMOS, Early Flowering, mixed colors	.05
1 " LARKSPUR, Branching, mixed colors	.05
1 " DIANTHUS, Double Japan Pink, mixed colors	.05
1 " MARIGOLD, Double French Dwarf	.05
1 " " Double African Quilled	.05
1 " MORNING GLORY, New Japanese	.05

	Regular Price
1 " MIGNONETTE, Allen's Defiance	.05
1 " NASTURTIUM, Lobb's Improved, mixed colors	.05
1 " PHLOX DRUMMONDI, mixed colors	.05
1 " PANSY, Masterpiece or Giant Ruffled	.15
1 oz. SWEET PEAS, mixed colors	.08
1 Pkt. POPPY, Shirley, mixed colors	.05
1 " SALPIGLOSSIS, Grandiflora	.05
1 " SUNFLOWER, New Miniature Varieties	.10
1 " ZINNIA, New Crested, mixed colors	.08

Total, \$1.40

SPECIAL PRICE FOR THIS COLLECTION 65 CENTS.

As these collections are put up ready to send off we cannot change them in any way.

NO DISCOUNT of any kind can be allowed on this collection of Flower Seeds. In ordering simply order "Special Collection of Flower Seeds, 65c."

Flowering Plants and Bulbs.

We offer a few of the best and most satisfactory flowering plants for general culture in the open ground. Some of them, such as Begonias, Cannas, Gladiolus and Dahlias will not stand the winter, but must be taken up in the fall and set out again in the spring. The hardy perennial plants, such as Pæonies, Phlox, Anemone, Hollyhocks, etc., may be left out all winter without protection and will usually increase in size and beauty from year to year. There is nothing more satisfactory in the way of flowers than these hardy perennials which come up year after year without having to be replanted.

AMEMONE. (Windflower.)

One of the most beautiful and useful of the hardy autumn-flowering plants. The flowers are produced on long, slender stems well above the plant and are extremely graceful and ornamental both in the garden and as cut flowers. The plants are perfectly hardy and need only a slight covering of leaves in the fall.

Japonica. Single flowers of medium size and of a beautiful rose color. Very long stems.

White Japonica. Same as above but with snow white flowers.

WHIRLWIND. Semi-double pure white flowers produced in clusters and in great profusion. Stems are not as long as those of the single Japonica.

QUEEN CHARLOTTE. Like "Whirlwind" except that the color is silvery pink like a La France rose. Very handsome.

Price of any of above varieties, strong plants, 15c. each; 4 for 50c; dozen, \$1.35, postpaid. By express, 12c. each; \$1.20 per doz.

BEGONIAS.

These new large flowering Tuberous Begonias are magnificent plants for beds in the open ground. One who has not seen them can hardly imagine the brilliant and gorgeous effect produced by their large, richly colored foliage, and their beautiful waxy flowers of bright and varied colors. If the bulbs are started early the plants will commence to flower in July and continue in constant bloom until frost. The flowers are from 3 to 4 inches across and are produced in great profusion, almost covering the plant from sight. The bulbs should be started about the first of April in small pots plunged in boxes of earth in the house or hot-bed and well watered. Plants can be set out in the open ground as soon as all danger of frost is over. Begonias do best in partial shade.

SINGLE VARIETIES. We offer four colors—scarlet, white, pink, and yellow. Four bulbs, one of each color 20c; dozen bulbs, your selection of colors, 55c; 2 doz. \$1.00, postpaid. By express, 50c. per dozen, \$3.50. per 100.

DOUBLE VARIETIES. Handsome, large double flowers that resemble a small rose. Same colors as above. One bulb of each color (4 bulbs) 25c; dozen, your selection of colors, 70c. By express, 60c. per doz; \$4.50 per 100.

CANNAS.

For lawn decorations there is no plant equal to the improved varieties of Cannas. Their bright, luxuriant foliage and long spikes of brilliant flowers make a beautiful display in beds and borders.

The roots may be started in pots in the house or hot-bed in March or first part of April and the plants set out in the open beds when danger of frost is past. Or the roots may be set out in the open ground about May 1st in this latitude.

The following are among the newest and best varieties of large-flowering Cannas for bedding:

Alsace. Creamy white flowers of good size. Very pleasing when planted with more brilliant colored kinds. Three or four feet tall, with green foliage.

Florence Vaughan. Rich golden yellow, dotted with crimson, large and handsome flowers, green foliage, 4½ ft.

Austria. Immense golden yellow flowers spotted in the center like a lily. The largest and handsomest yellow Canna. Six feet tall, green foliage.

Charles Henderson. Deep glowing crimson with yellow at the throat. Green foliage with purple stems. 4 feet.

J. D. Eisele. Flowers of large size and a beautiful shade of vermilion. Scarlet with an orange shading, one of the very finest. 4 feet. Green foliage.

Pennsylvania. Immense flower of an intense orange-scarlet, a charming shade of color, and one of the best Cannas. Green foliage, 5½ feet.

Paul Marquant. Large flowers of a unique salmon shade. New and very handsome. 5 feet.

Italia. (Orchid-flowered.) Flowers of the largest size and brilliant red with a wide margin of gold on each petal. A gorgeous and beautiful flower. 5 feet, green foliage.



THE TUBEROUS-ROOTED BEGONIAS.

King Humbert. This new Canna combines flowers of the largest "orchid-flowered" type with rich bronze foliage. The flowers are of a bright orange-scarlet with deeper red markings and are of immense size. One of the very finest varieties. 4½ feet.

Shenandoah. Beautiful deep red foliage and large rose colored flowers. A very handsome Canna for planting with green foliage varieties. Should be in every collection. 6 feet.

Price. Good dormant roots of the above varieties, by mail, 10c. each; \$1.00 per dozen. By express, 85c. per dozen; 50 roots, \$2.50.

SHASTA DAISY.

Much like the common field Daisy or Marguerites, but much larger, whiter and handsomer. Perfectly hardy. Strong plants, 15c. each; 4 for 50c; \$1.50 per dozen, postpaid.

GLADIOLUS.

The Gladiolus is one of the most ornamental and attractive of flowering bulbs. The spikes of flowers grow two feet or more high, the flowers being of every shade of color and beautifully marked. When planted in beds or borders they make a most gorgeous show. The bulbs can be set out any time from the middle of April to the first of June, and will always flower the first year. Set out the bulbs about eight or ten inches apart and three or four inches deep. In the fall, after they have flowered, the bulbs should be taken up and stored in a dry place over winter.

GROFF'S NEW HYBRIDS. These are the very finest large flowering varieties of Gladioli. We offer two different mixtures as follows:

Mixture No. 1. Composed of a general collection of Mr. Groff's hybrid varieties, including principally red, pink and yellowish shades, with some whites, lilac and blues. By mail, 30c. per dozen. By express, 25c. per dozen; \$1.75 per 100.

Mixture No. 2. Composed of the newer white, cream, light yellow, and pink varieties and combinations of the handsomest colors. This mixture will produce a beautiful display of flowers of the most attractive colors and markings, as it includes only the very best varieties. By mail, 65c. per dozen; $\frac{1}{2}$ dozen, 35c. By express, 60c. per dozen; \$4.00 per 100.

NEW "CORNFLOWER ASTER."

(Stokesia Cyanea.)

A new and very handsome hardy flowering plant with flowers resembling very large double Bachelor's Buttons or Centaurea. The flowers are about three inches across, perfectly double and of a delicate lavender blue. They are produced on long stems, and are very handsome as cut flowers. The plants are hardy and will

flower better the second year than when first set out. Strong plants, 10c each; \$1.00 per dozen, postpaid.

HOLLYHOCKS.

Plants set out this spring will flower in July and August, and will last for a number of years without any protection.

Finest Double Varieties. We can furnish the following colors: Yellow, pink, deep red and pure white, each 12c; 6 for 65c; 12 for \$1.20, postpaid. By express, \$1.00 per dozen.

ALLEGHANY. Very large semi-double flowers with beautifully fringed and fluted petals. These are very handsome new Hollyhocks and we highly recommend them. Mixed colors. Price same as above.

IRIS.

Being perfectly hardy Iris can be raised with very little trouble anywhere and will increase in size and beauty year after year. Plant in moist rich soil if possible, but they will do well in any good garden soil.

Japanese. The largest and most beautiful class of Iris with flowers often 8 to 10 inches across and of many charming colors. Blooms in June and July. We offer 10 of the best varieties. They have unpronounceable Japanese names so we describe them by colors only. White, violet blue, white veined with blue, royal purple, lilac veined with deep purple, crimson-purple white veins, and other beautiful shades and combination of colors hard to describe. Strong plants, 18c. each; the set of 10 varieties for \$1.50, postpaid. By express, \$1.35.

German Iris. Flowers are smaller than the Japanese varieties, but they bloom much earlier, commencing to flower the last of May. They produce a great profusion of bloom, and the flowers are of many shades of colors and beautifully marked and veined. We offer a mixture composed of about a dozen of the most desirable varieties. Strong plants, 12c. each; dozen, \$1.25, postpaid. By express, doz. \$1.10; 50, \$4.00.

PERENNIAL PHLOX.

There has been great improvement made in the old-fashioned perennial Phlox, and they are now one of the handsomest and most showy of the hardy flowering plants. They flower from July until November, producing a wealth of bloom and variety of coloring hardly equalled by any other plant. The plants are perfectly hardy and will last for many years without any protection.

We offer some of the best varieties of the following colors: Pure white, bright scarlet, rose pink and salmon pink, in strong, field grown clumps. Price, 15c. each; \$1.45 per dozen, postpaid. By express, 12c. each; \$1.20 per dozen.

RUDBECKIA, "Golden Glow."

This hardy plant is very ornamental, growing five to six feet high, with bright yellow double flowers. They have long stems, and are not only handsome on the plant, but also make beautiful cut flowers. The plants grow very rapidly and bloom early in the summer and continue in bloom until killed by frost. This is undoubtedly one of the most easily raised and most desirable hardy flowers grown. The plants should be watered in dry weather. Strong roots, 12c. each; 6 for 60c; 12 for \$1.00, postpaid. By express, extra large plants, 10c. each; 85c. per dozen.



GERMAN IRIS.

TUBEROSES.

Tuberoses are very easily raised in the open ground in the summer, and are very ornamental. The flowers have an intensely sweet fragrance. The bulbs should be set out as soon as the soil is warm in spring, and will flower in August and September. They can also be raised in pots in the house.

Excelsior Dwarf Pearl. The best variety. Flowers large, pure white, double and crowded on the stalk. Large bulbs, 8c. each; per dozen, 50c; by mail, postpaid. By express, 35c. per dozen; 2 dozen, 60c.

PLANTS OF ANNUAL FLOWERS.

ASTERS. We can furnish first-class large plants of the most desirable varieties of Asters as follows: Crego, both pink and white. Semple's Pink Branching, Hohenzollern—Rosy Lilac and Dark Blue, Rose Branching and Violet King. (See page 46) By mail, 40c. per doz. By express, doz. 30c; 50 plants \$1.10; 100 plants \$2.00.

CARNATION. The Giant Marguerite Carnation plants we offer will produce flowers in August and all through the fall if set out in the open ground May 20th to June 1st. Ready middle of May. Price same as for Aster plants.

SALVIA or SCARLET SAGE. The plants we offer will bloom early and will continue to bloom all through the fall. They are grown in pots and will be sent with a ball of earth around the roots so that they will not be checked by transplanting. Such plants cannot be sent by mail. Plants ready June 1st. By express, \$1.00 per doz; 50 plants, \$3.75.

STOCKS. The handsomest stock we know of is the "Beauty of Nice." This is a later variety than the common Stock and to get early flowers the plants should be set out the last of May or first of June. We can furnish good strong plants ready the middle of May. Price same as for Aster plants.

SMALL FRUIT PLANTS.

Plants by Mail.

We send first-class large plants by mail and pack them so they go through in perfect condition. We guarantee their safe arrival in good order.

By Express or Freight.

When the plants will weigh over four or five pounds it is usually cheaper to send them by express than by mail. Large lots (except Strawberry plants) can be sent cheaply by freight. Plants shipped by express are carried at 20 per cent less than regular rates. Where the prices are quoted "by express," it means that the plants when ordered at those prices will be sent by express or freight at the expense of the purchaser.

Order Early.

Orders are filled in rotation in the order they are received, so that those who order early get their plants first. Orders are booked when received and the plants sent as soon as they can be dug—usually the first part of April. Plants set out early before the buds start always do better than those set out later. Orders received late will be filled as fast as possible.

In Ordering Plants please give your nearest express office, if different from your postoffice, and state whether we may send by express, prepaid, instead of by mail. Plants can be packed to go by express in a manner to insure their delivery in better condition than if sent by mail.

Safe Delivery Guaranteed.

We assume all risks of the plants reaching the purchaser in good condition. If the plants are not satisfactory and in good order when received we must be notified at once and the matter will be adjusted to the satisfaction of the purchaser. But it must be distinctly understood that we will not hold ourselves responsible for the treatment of the plants after they are received by the purchaser. Perfectly good plants are often ruined by improper planting or unfavorable weather after they are set out. Our responsibility ceases when the plants are delivered in good order.

STRAWBERRIES.

The best time to set out Strawberries is in the spring, when they will grow all summer and form a good bed of plants that will bear profusely the following year.

The plants should be set out in good rich soil in rows 3 to 3½ feet apart and the plants a foot apart in the rows. When setting the plants in dry soil take a spade and run it straight down into the ground, making a narrow, deep hole; into this place the roots of the plant spread fan shaped, with the crown of the plant even with the surface of the ground; and with the spade placed in the ground six inches away, press the earth up against the plant firmly. It is best to set out the plants as soon as the ground can be gotten into good condition in the spring, but they will do very well if set out as late as the middle of May.



BRANDYWINE.

Some varieties as indicated below, have imperfect flowers, and must have some kind with perfect flowers near them to fertilize the blossoms. One row of perfect flowered plants will fertilize the flowers on two rows of an imperfect flowered variety on each side of it.

The plants we offer are of our own growing and are strong and well rooted. They are shipped the day they are dug.

Johnson's Early.

One of the very best extra early varieties. The berries are of good size, handsome color and of fine quality. The plant is a rampant grower and remarkably prolific, commencing to ripen early and continues to bear a long time. This berry is a money maker

for market and excellent for home use. Perfect flowers. By mail, dozen, 25c; 50 plants, 65c; 100 plants, \$1.20. By express, 100 plants, 95c; 1000, \$5.00.

Gandy.

One of the very finest large late berries for home use or market. The berries are of the largest size, firm and of exceptionally fine quality. For moist or heavy land this is certainly one of the very best late strawberries. It does not do well on dry sandy soil. On account of the fine quality of the fruit the Gandy is excellent for the home garden as well as for market. Perfect flowers. Price same as for Johnson's Early.

Glen Mary.

This variety succeeds well everywhere, and is a great favorite with market growers as well as private gardeners. The berries are large, deep red, of even shape, very firm and of fine quality, being sweet and of high flavor. The plant is a strong, vigorous grower and produces heavy crops. Season medium to late. Perfect flowers. Price same as for Johnson's Early.

Senator Dunlap.

A magnificent medium early variety. Berries of large size, deep glossy crimson, and of fine quality, being sweet and of high flavor. The plants are strong and vigorous and very prolific, and continue in bearing a long time. Perfect flowers. Price same as for Johnson's Early.

Brandywine.

This is a medium late variety, with beautiful, smooth, large berries of delicious flavor and sweetness. The plants are of robust growth with heavy dark green foliage, and produce large crops of berries which are uniformly large and of perfect shape. One of the best late varieties for home use and market. Perfect flowers. Price same as for Johnson's Early.

Commonwealth.

A new very late berry that will be found valuable for both market and home use. We all want to have strawberries as long as we can, and the Commonwealth will prolong the season more than a week, as it does not commence to ripen until other kinds are nearly gone. The berries are very large, bright red and of good quality. Perfect flowers. Price same as for Johnson's Early.

We will send 50 plants of any variety at half the price quoted for 100 plants, or 500 at half the price of 1000.

Special Collection for the Home Garden, \$1.00.

We will send a collection composed of 100 Strawberry plants of varieties best suited to the needs of those who raise strawberries for their own use for \$1.00, postpaid. This collection consists of 30 plants Johnson's Early, one of the earliest kinds, 40 plants Brandywine, medium late and 40 plants Gandy, the best very late variety.

These varieties are all of fine quality and productive, and being composed of early, medium and late varieties they will produce a continuous supply of berries from the first to the last of the season. If ordered separately these plants would cost \$1.45. We can make no change in the quantities or varieties of which this collection is composed. The plants will be sent the day they are dug, and we guarantee that they will reach the purchaser in good condition. **ORDER EARLY**—The plants should be set out by May 1st to get the best results.

We will send two of these collections by express at the purchaser's expense for \$1.50 or three for \$2.00.

RED RASPBERRIES.

Red Raspberries grow best on rather moist land. They do not thrive on dry, sandy soil. They do very well on clay soil or a strong loam. The plants should be set out at least 5 feet apart each way, and the ground kept well cultivated. Plants set out this spring will produce a crop next year, and will last for many years. The varieties we offer are perfectly hardy and need no protection in winter.

Loudon. A new Red Raspberry of large size and great productiveness. Mr. J. H. Hale, the well-known horticulturist, said: "The Loudon is certainly the largest, firmest and best flavored mid-season Red Raspberry now well tested." The plants are very vigorous and produce enormous crops of fruit, which commence to ripen very early and continue as long as the latest varieties. The fruit is large, of fine color and very firm. The Loudon seems likely to supersede all other varieties for the market. By mail, 10c. each; dozen, 50c. By express, dozen, 40c; 100, \$2.00.

CUTHBERT. A remarkably hardy, prolific, firm, Red Raspberry. When you have the Cuthbert you are nearly always sure of a crop. The berries are extra large, sometimes three inches in circumference, remarkably firm and of excellent quality, conical in shape, of a rich crimson color. Season medium to late. Canes vigorous and perfectly hardy. By mail, dozen, 35c; 100, \$1.50. By express, 100, \$1.25; 1000, \$11.00.

Golden Queen. This is the finest Yellow Raspberry. It resembles the Cuthbert in all respects except in color, which is a beautiful golden yellow, making the berries very attractive in appearance. By mail, dozen, 50c; 50, \$1.25. By express, dozen, 40c; 100, \$2.00.

Marlboro. One of the largest and best early Raspberries. Hardy and productive. The berries are bright scarlet and very attractive; quality first-class. By mail, dozen, 45c; 100, \$2.00. By express, dozen, 35c; 100, \$1.75.

COLUMBIAN. This is an improved type of Shaffer's Colossal. It is intermediate between a red and a black cap raspberry. The berries are a little larger than Shaffer's and brighter red. The plant is of very vigorous growth and enormously productive. The fruit has a very sprightly flavor and is desirable for canning as well as for table use. By mail, dozen, 50c; 50 plants, \$1.60. By express, dozen, 40c; 100, \$2.00; 1000 \$15.00.

BLACK RASPBERRIES.

OR BLACK CAPS.

Cumberland. A new Black-Cap of immense size. Black Caps are apt to be small and seedy, as every one knows, so this new variety will be most welcome. The berries grow larger than any other variety and resemble blackberries in size and shape, being nearly as large. The Cumberland, in fact, is supposed to have a little Blackberry blood in it, which gives the fruit its enormous size and elongated form. The fruit is so large and fine that it always sells for the highest prices. The Cumberland is a medium early variety, following closely after Palmer and Ohio. The plants are perfectly hardy. Price—By mail, dozen, 50c. By express, dozen, 40c; 100, \$1.60; 1000 \$14.00

GREGG. One of the largest and best late varieties of Black Raspberries. Hardy, a remarkably vigorous grower, immensely productive, and of unsurpassed quality. By mail, dozen, 40c. By express, 100, \$1.25; 1000, \$11.00.

KANSAS. One of the very best early varieties. Remarkably productive, with fruit of large size and fine quality. Perfectly hardy and of vigorous growth. We highly recommend this kind. By mail, dozen, 40c. By express, 100, \$1.20; 1000, \$10.00.

BLACKBERRIES.

Plant in rows 6 feet apart and 4 feet apart in the rows.

Rathbun. The fruit is simply enormous, far larger than other Blackberries, and the quality is superb. There is no hard core as in other varieties, the whole fruit being soft, luscious and high flavored, and yet sufficiently firm to stand handling well. It is propagated by rooting the tips of the shoots like black caps. On account of its fine quality and great productiveness the Rathbun is one of the very best kinds for home use and market. Where the winters are very cold the plants should have some protection.

Price—By mail, 10c. each; dozen, 65c; 50 plants, \$1.50. By express, dozen, 50c; 100, \$2.25.

MINNEWASKA. This is a comparatively new variety which has become very popular. It is not only perfectly hardy, but the berries are large and of fine quality, while the plant is a wonderfully vigorous grower and remarkably productive. Season medium to late. Undoubtedly one of the best varieties for market or home use. The plants we offer are grown from root cuttings and are far superior to canes dug from bearing plants. By mail, dozen, 50c; 50 plants, \$1.60. By express, dozen, 40c; 100, \$2.25.

SNYDER. A very hardy Blackberry, standing our most severe winters without protection. Berries of medium size and are sweet, juicy and of fine flavor. One of the best varieties for the north. Plant vigorous and very productive. Root cutting plants. By mail, dozen, 50c; 50 plants, \$1.15. By express, dozen, 35c; 100, \$1.75.

LUCRETIA DEWBERRY. A trailing Blackberry. Ripens a week to ten days earlier than other Blackberries. Fruit very large, soft, juicy and of fine flavor. A vigorous grower and perfectly hardy. By mail, each 10c; dozen, 60c; 50 plants, \$1.75. By express, dozen, 50c; 100, \$2.50.

Special prices will be quoted on large lots of any variety.

CURRENTS.

Set the plants 4 feet apart in the row and the rows 6 feet apart. Give clean culture, and mulch with coarse manure.

Perfection.

A new variety produced by crossing Fay's Prolific and White Grape Currants. It is larger than Fay's and of as fine quality as White Grape which is sweeter and of finer flavor than the old red varieties. The color is bright red. The clusters are very long, and the upper part of the stem is free from fruit so that it is easy to pick. The bush is a good grower and remarkably productive. For home use or market there is no finer red currant than this. It ripens earlier than Victoria or about the same time as Fay's and Cherry.

Price—2-year-old plants, by mail, 25c. each; 6 plants for \$1.00. By express, 20c. each; dozen, \$1.75; 100, \$10.00.

VICTORIA. The best late red currant. The bush is of great vigor, and the fruit is of good size and produced on long stems. It our experience it is by far the most productive variety, and is of fine quality. By mail, good strong, 1-year-old plants, each, 10c; dozen, 70c. By express, 1-year-old plants, dozen, 60c; 100, \$4.00; 2-year-old plants, dozen, 75c; 100, \$5.50.



PERFECTION CURRANT.

Cherry. One of the largest and most popular Currants. Bush not as vigorous as Victoria, and needs the best of soil and culture. Price same as Victoria.

FAY'S PROLIFIC. Fruit about the size of the Cherry Currant, but with larger bunches. A profitable variety when given high culture. Price same as Victoria.

RED CROSS. A new Red Currant of large size and great productiveness. Bunches long and fruit of good color, large size and fine quality. It should be given a trial. Price same as Victoria.

White Grape. The best White Currant. Price same as Victoria.

LEE'S PROLIFIC BLACK. The best variety of Black Currants. Price same as Victoria.

GOOSEBERRIES.

Pearl. A large white Gooseberry that does not mildew. The editor of the Rural New Yorker says: "The Pearl is as productive as anything we have on trial. The berries are larger than Downing and of excellent quality. Neither the foliage nor the berries show the slightest trace of mildew." Bush wonderfully productive and fruit of large size and fine quality. Price—By mail, strong, 1-pear-old plants, each, 15c; dozen, \$1.15. By express, dozen, \$1.00; 100, \$7.50.

RED JACKET. This is the largest and most vigorous red Gooseberry. The fruit is as large and fine as the English varieties, while the plant is entirely free from the mildew which is so destructive to these varieties when grown in this country. The plants are very productive and the fruit is handsome and of the best quality. Price same as for Pearl.

Downing. This has long been considered the best American green Gooseberry. Fruit large, green when ripe, and of excellent quality. Bush a vigorous grower and seldom affected by mildew. Price same as for Pearl.

Houghton. The standard red variety. Enormously productive, free from mildew. Fruit medium size, pale red, sweet and good.

Price—Strong plants, by mail, each, 12c; dozen, \$1.00. By express, dozen, 85c; 100, \$6.00.

GRAPE VINES.

Campbell's Early. A new, very early, black grape of large size and rich, sweet flavor. The vine is a strong grower and perfectly healthy. Undoubtedly one of the best early black grapes. Price—35c. each; dozen, \$2.25, postpaid. By express, 25c. each; \$2.00 per dozen.

Delaware. Light red. One of the most delicious and high flavored grapes. No one should be without it.

WORDEN. Black. A magnificent and delicious grape, very similar to Concord, but earlier and larger and equally hardy and prolific, and of far better quality.

Concord. Black. The best known and most popular of all grapes. Early, hardy, and enormously productive.

BRIGHTON. Red. A magnificent grape, large, handsome and equal, if not superior, in flavor to the Delaware and far larger. Vines vigorous, hardy and productive.

Niagara. White. One of the most popular white grapes; as vigorous and hardy as Concord. Fruit very large and handsome and of good quality when thoroughly ripe.

Moore's Diamond. One of the best white grapes. Bunch large and compact; berry of good size and of fine quality. Vine vigorous and productive.

PRICE OF ABOVE GRAPES. (except Campbell's Early): Large two-year-old plants, by mail or express, prepaid, each, 25c; dozen, \$1.45. By express, not prepaid, 15c. each; dozen, \$1.10; 25 plants, \$2.00.

Vegetable Plants.

The plants are all carefully packed and we guarantee their safe arrival in good condition. When the price is preceded by the words "By express" it means that when ordered at this price the plants are sent by express at the purchaser's expense. We shall be glad to quote special prices on large lots if you will let us know the kinds and quantities required.

CABBAGE PLANTS. Early transplanted plants ready April 15th to May 15th. Varieties: Early Jersey Wakefield, Charleston Wakefield and Enkhuizen Glory. By mail 20c. per doz; \$1.00 per 100. By express, 15c. per doz; 65c. per 100; \$4.50 per 1000.

Field Grown Plants. All leading varieties, ready June 10th to July 15th. By mail, 10c. per doz; 50c. per 100. By express, 25c. per 100; \$1.50 per 1000. 5000 or more at \$1.10 per 1000.

CAULIFLOWER. Early transplanted plants ready May 1st. Early Snowball and Danish Giant or Dryweather. By mail, 25c. per doz. \$1.30 per 100. By express, \$1.00 per 100; \$6.00 per 1000.

Field Grown Plants ready June 20th. By mail, 15c. per doz; 85c. per 100. By express 65c. per 100; \$3.75 per 1000.

BRUSSELS SPROUTS. Field grown plants ready June 20th. Same price as cauliflower.

CELERY. Strong stocky plants of all varieties listed in this catalogue ready last of June. By mail, 50c. per 100. By express, 30c. per 100; \$2.00 per 1000. 3000 or more at \$1.50 per 1000. Write for price on larger lots.

EGG PLANT. These plants are early injured in transplanting so have to be grown in pots. **Black Beauty.** By express, \$1.00 per doz; 50 plants \$2.50. Ready May 25th.

PEPPER. Strong transplanted plants ready last of May. Varieties: Ruby King, Chinese Giant, Giant Crimson, Neapolitan, Bell or Bull Nose, New Giant Cayenne. By mail, 25c. per doz. By express, 20c. per doz; \$1.25 per 100; \$8.00 per 1000. Smaller plants, 4 to 5 inches tall, 85c. per 100; \$6.00 per 1000.

TOMATO. Our Tomato plants are strong and stocky and are well hardened and are much superior to plants taken directly out of greenhouses.

Varieties: Earliana, Bonny Best, June Pink, Success, Stone, Dwarf Champion, Golden Queen (yellow) and Ground Cherry or Husk Tomato.

By mail, 30c. per doz. By express 20c. per doz; \$1.25 per 100. \$8.00 per 1000. Write for price on larger lots of the varieties desired.

DON'T BE AFRAID TO ORDER PLANTS. Because you are a long distance away you may think plants would not reach you in good condition. We pack our plants very carefully and guarantee their safe arrival in good condition.

WHAT OUR CUSTOMERS SAY:

SHIPPED 1000 MILES—The Cabbage plants you shipped me last July arrived in perfect condition. I was rather doubtful about shipping so far but they were just as fresh as if pulled at home.

After trying several other seedman's, I find your strain of Earliana Tomato gives the largest crop of smooth tomatoes. D. C. SEAGER, Rockford, Ill.

GOOD STRAWBERRY PLANTS—I was very much pleased with the Strawberry plants. They were received in elegant shape and are growing excellent, have not lost one. All seeds bought of you have proved very satisfactory. GEO. G. CLARK, Newburg, N. Y. May 15, '08.

BETTER AND COST LESS—I intend to order most of my seeds from you this year. I am pleased to say that I have tried three other seedsmen last year which were a great deal more expensive than your seeds and got better results from yours. FRED. MULCAHEY, Oswego, N. Y. Feb. 14, '08.

LOWEST PRICES AND BEST SEEDS—I have been watching the mail for some time past expecting to get a copy of your catalogue. I have others and good ones too but Harris' is the one that gives the lowest prices and the best seeds and that is the one for me. Your seeds and Seed Potatoes have never disappointed me and I want them again this year. F. G. McCALLUM, Mahopac, N. Y. Feb. 3, '08.

AHEAD OF OUR CLAIM—The Seed Potatoes and Garden Seeds came in perfect condition. Have every seed planted and will say that they germinate ahead of your claims as I don't think there were any but what grew, sprouted quickly and came along quicker.

ROBT. R. WHITESIDE, Oxford, Pa.

June 1, '08.

The "Auto-Spray."

We have used "Auto-Spray" pumps quite extensively for years and find them the very best and most convenient hand sprayers made. For applying any kind of spraying material in small quantities to potatoes, cabbage and other small plants, as well as shrubs, roses, etc., there is no sprayer so convenient and effective. The spraying mixture is simply put in the can, which holds four gallons, and the pump is then worked up and down a few times until air pressure is obtained. Then turn on the stop cock and a fine mist spray will continue for 10 to 15 minutes, when a few more strokes of the pump will renew the pressure. The Auto-Spray is now supplied with a new device called "Auto-Pop." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is under perfect control. The value of the "Auto-Pop" is most apparent in spraying potatoes and other plants in hills where only enough solution is used to spray each hill or plant. It is a great saving over the continuous spray.

Sprayers having the "Auto-Pop" also have a new "Anti-Choke" nozzle which never clogs and can be adjusted to throw a fine or coarse spray as desired.

These sprayers are well and substantially made and will last a long time.

SPECIAL LOW PRICES.

We can furnish these sprayers at the following cut prices. They are the genuine Brown "Auto-Spray" pumps direct from the factory. If shipped alone they should be sent by express, but when ordered shipped with seeds they are heavy they can be shipped at very little expense by freight.

Auto-Spray, Brass Tank with Auto-Pop, the best made.....	Regular Price \$8 00	Our Price \$6 50
" " Galvanized Tank with Auto-Pop.....	" " 6 00	" " 4 85
Either of these with stop-cock instead of the "Auto-Pop" nozzle 75 cents less.		
Brass Extension pipe, 2 ft. lengths.....		.40 cts. each
Brass Elbow.....		.35 cts. each

"Planet Jr." Garden Tools.

We find these are the best garden tools made. At the prices here given the tools are packed and delivered on cars at Rochester the purchaser to pay freight. A discount of 5% will be allowed when cash is sent with the order.

Planet Jr. Double Wheel Hoe. This is a great labor saver. With this tool a man can hoe five times as much as with a hand hoe and do the work better. We use a number of these wheel hoes on our farm and could not get along without them.

No. 13—With plain hoes as shown in the cut the price is\$4 75
No. 12—With 4 cultivator teeth and two plows for furrowing or redging, in addition to the hoes.....\$7 00

Planet Jr. Single Wheel Hoe. Equipped with one pair hoes, the same as No. 13 (see cut) Price \$3 50

Planet Jr. Drills. We find these the best drills for sowing all kinds of seeds.

No. 3 Drill. The most convenient size drill for market gardeners. Hopper holds 3 quarts and the wheel is 15 inches high. It sows all kinds of seed evenly and at any depth desired. It also can be adjusted to drop seeds in hills 4, 6, 8, 12 and 24 in. apart. It has a cut-off which keeps the seed from running out while turning at the ends of the rows. It also has a marker which can be set to mark the rows 8 to 20 in. apartPrice \$10.50

No. 4 Drill and Cultivator Combined. The drill works the same as No. 3, but the wheel is smaller and the hopper holds 2 1/2 qts. It is so constructed that the drill parts can be easily removed and cultivator teeth attached which changes the tool into a first-class wheel hoe, plow or cultivator. A pair of hoes, 3 cultivator teeth and a plow are supplied with this tool without extra charges. It is just the thing for private gardens and small truck farms. Price \$10.50.

No. 6 Drill and Cultivator Combined. A new pattern embracing some improvements over No. 4. It has a new feed which is very accurately made and fitted so that it sows more evenly than any other drill. The hill dropping device is also improved and works more accurately. It has the same equipment as No. 4. Price \$13.00.

No. 8 Horse Cultivator. The best one-horse walking cultivator we have ever used. The width and depth are both regulated by levers and can be changed while in motion if desired. It also has a depth regulator which is a good thing. Price \$9 00.

No. 7 Horse Cultivator. This is the same as No. 8 but without the depth regulator. Price \$8.50.

Planet Jr. 12 Tooth Cultivator. This is a very useful tool for use in strawberry fields, beans, young corn and many other crops. The teeth are only about an inch wide and can be run very close to small plants without covering them. It leaves the surface of the ground in a fine condition. It can be expanded to corn 32 inches and contracted to 12 inches. The wheel and width are both regulated with levers. Price \$7 40.
This tool is also supplied with a strawberry runner cutter and other attachments. See Planet Jr. Catalogue.

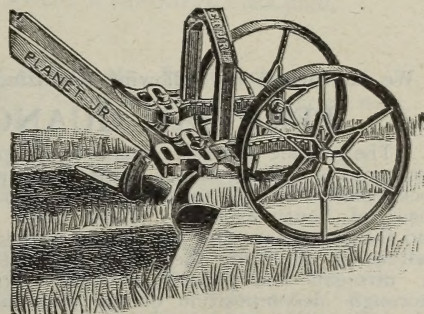
A Catalogue of Planet Jr. Tools will be sent on request. We usually have a complete line of these tools in Rochester and can make prompt shipments.

Lang's Hand Weeder. A very useful tool for hand weeding. A boy with one of these weeders can do twice as much work in a day as he could without it. Price 25c. (by mail 30c.)

Garden Line. Good, strong hemp garden line in any length over 50 feet, at 1/4c. per foot.

Garden Stalks or Labels. Very useful for marking the name of seeds sown in the garden or hotbed; stalks 12 inches long, the best size for garden use, 15c. per doz.; 80 per 100.

Pot Labels. 4 inches long.
20c. per 100; \$1.00 per 1000.



No. 13, DOUBLE WHEEL HOE.

Insecticides.

Arsenate of Lead. We find this much better and cheaper than Paris Green. The great advantage it has over Paris Green is that it does not settle so quickly in water. It will remain in suspension more than twice as long, so does not require such constant stirring. It will not injure foliage even if applied two or three times as strong as necessary to kill all insects. It will also stick to the leaves much better than Paris Green so does not need to be applied so often.

Arsenate of Lead is a white paste that looks like white lead. It is readily mixed with water and does not clog spray nozzles. It is used at the rate of about 3 lbs. to 100 gallons of water. It can be used with Bordeaux Mixture the same as Paris Green. Price—1 lb. can, 25c; 5 lb. bucket, \$1.00; 10 lb. buckets, \$1.75 each. Write for price on larger lots.

PARIS GREEN. We can furnish pure Paris Green at 35c per lb.; 5 lbs. for \$1.50; 10 lbs. or more at 29c per lb. Price variable according to market. This is perfectly pure Paris Green, and we think we can save our customers some money on it. When ordering seeds by freight have a 5 or 10 lb. package of Paris Green sent with them. There will be no extra cost for freight.

WHITE HELLEBORE. The best remedy for currant and cabbage worms. Apply dry or in water. Per lb. 20c. By mail, 30c. per lb.

SULPHO-TOBACCO SOAP. For killing aphides or lice on roses and other plants we have found nothing so effective and convenient as Sulpho-Tobacco Soap. The sulphur also prevents mildew and keeps the plants healthy. It is easily applied by dissolving in water and spraying or sprinkling on the plants. It is sure death to insects and never injures the plants. The soap is very effective in killing fleas on dogs and cats. The

animals should be washed, using this soap instead of ordinary soap. Directions for use are printed on the cover of each cake. A 3-ounce cake makes 1 1/2 gallons, and an 8-ounce cake 4 gallons of the solution. Price, postpaid, 3-ounce cake, 12c; 8-ounce cake, 25c. By express, 3-ounce cake, 10c. each; 8-ounce cake, 20c. each.

TOBACCO DUST. Tobacco dust is an excellent material for keeping bugs off cucumber, melon and squash vines, and the little black and striped beetles off young plants, which they often destroy. The dust should be applied when the leaves are wet so that it will adhere to them. It contains a considerable amount of plant food and is valuable as a fertilizer. It should be used in liberal quantities. For fumigating greenhouses the Tobacco Dust we sell is most excellent. It burns evenly and will light without the use of kerosene. 5 lbs. will fumigate a house 25x100 feet. Price—by mail, 15c per lb. By express, 5 lb. package 25c; 10 lbs. 35c; 50 lbs. or more 3c. per lb.

LAMBERT'S DEATH TO LICE. This is the most effective remedy for killing lice on poultry we have found. It is in a convenient form to use and is very effective. Death to Lice is a powder, and is easily applied to the fowls by dusting it through the feathers. It kills the lice within a few minutes after applying. It should be used on setting hens and young chickens as soon as hatched. More chickens and turkeys are killed by lice than people generally realize. Everyone who raises poultry should keep some of the "Death to Lice" powder on hand and use it freely, especially when hens are setting and young chickens hatch. It is perfectly harmless and will not injure the most delicate chickens.

Price—15-ounce cans, 25c. each. By mail, 35c. each. Full directions for use printed on each can.

Fertilizers.

We can furnish the following fertilizing materials delivered on cars at Rochester without extra charge:

PERUVIAN GUANO.

The genuine Peruvian Guano is composed of the droppings of millions of sea birds which swarm on the rocky islands in the rainless regions along the Pacific coast of South America. These birds live on fish, and the guano contains the rotted remains of fish as well as of the birds themselves, and is therefore rich in nitrogen and phosphoric acid. Owing to the thorough decomposition of the material which has taken place during the many years which it has taken to accumulate, the fertilizing elements are in a very quickly available form.

The material we offer is in the form of a fine, dry brown powder screened and in good condition for use in drills. It analyzes as follows:

Ammonia (nitrogen) . . . 3 1/4 to 4 1/2 per cent.
Potash 3
Phosphoric Acid 19 to 21

The guano is not treated with acids or any other substance, and is in the natural condition, except that it is screened.

If used with ordinary common sense there is no danger of injuring plants with this fertilizer; but if it is thrown on the roots by the handful and not mixed with the soil it will cause injury instead of benefit. **Never put any fertilizer or manure directly in contact with roots or plants.** Always mix it with the soil as far as the roots will reach.

We have used Guano for a number of years with very gratifying results. It is especially valuable for garden crops. A handful or two worked into a hill of melons, squash or cucumbers before planting the seed produces very marked results in increasing the growth of vines and size and quantity of fruit. It should be used freely on nearly all kinds of vegetables and flowers.

On corn, potatoes, cabbage, onions, etc., it produces great results. It contains more than twice as

much plant food as most of the so-called "special grain fertilizers" sold at \$25 to \$30 per ton, and the plant food is in fully as available forms.

For Lawns this guano will be found most valuable. It produces a healthy and most luxuriant growth of the best grasses, and there is no danger of injury to the lawn by its use, as is the case with some chemical fertilizers.

Price of Peruvian Guano. We offer this material to analyze as given above, screened and in fine, dry condition for drilling as follows:

25 lbs.	\$.75	100 lbs.	\$2.60
50 lbs.	1.35	200 lbs.	4.50

NITRATE OF SODA.

This is the most soluble and quickly available form of nitrogen or "ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for Cabbage, Cauliflower, Beets, Carrots, Onions, Potatoes and similar crops, as well as for Grass and Grain. It can be advantageously used as a top dressing after plants are up. It is immediately available to the plants when applied.

It is completely soluble in water and may be applied to plants by dissolving in water at the rate of about a tablespoonful to a gallon of water. Applied in this way it will greatly stimulate the growth of plants in frames, pots and in the open ground.

10 lbs. 50c; 100 lbs. \$4.00.

MURIATE OF POTASH.

This is the most economical form in which to furnish potash to plants. It contains 52 to 54 per cent. actual potash.

10 lbs. 50c; 100 lbs. \$3.50; bag 224 lbs. \$6.50.

WHITE WYANDOTTES

WHITE WYANDOTTES Are acknowledged to be one of the very best general purpose breeds—if not the best. We do not know of any other breed that combines so many good qualities. They are not only very prolific layers, especially in the winter, but they are also of large size and make the very finest table fowls.

Our Flock Is composed of some of the finest and purest bred White Wyandottes in the country. They are of large size, pure white, have good combs and very deep yellow legs and are prolific layers.

We Raise Only One Breed So can give our fowls free range, which keeps them vigorous and healthy while there is no danger of impurity in the breeding.

Price of Fowls.

Good large, vigorous cockerels \$2.00 each; 3 for \$5.00. These cockerels are perfectly pure bred and are just the thing to breed up a flock for practical purposes. It will pay those who have hens of common mixed breeds to get some of these pure bred White Wyandotte cockerels to improve the flock.

EXTRA FINE COCKERELS.

Carefully selected for purity of color, shape of comb, color of legs, etc., \$5.00 each.

These are as fine cockerels as can be bought of other breeders for \$10.00. They are good enough to put in any flock of pure bred White Wyandottes bred for breeding purposes or show.

PULLETS.

Fine, large, early hatched pullets, carefully selected for breeding, \$1.75 each. Good large healthy pullets, but not quite as fine as above, \$1.50 each.

White Wyandotte Eggs. We can furnish eggs from our own carefully selected breeding stock. As we raise only one breed our flock has free range. We have scratching sheds attached to our hen houses and every other advantage for getting good fertile eggs. As we cannot test eggs before sending them off, as we do seeds, of course we cannot tell just how fertile they are. All we can do is to send only perfectly fresh eggs and give our hens the best of care and food. Even with every advantage, sometimes in very cold weather eggs do not average as fertile as they do in more favorable weather.

We pack the eggs in the most careful manner and guarantee that they shall reach the purchaser in good condition. Orders for eggs should be sent at least a week before the date the eggs are to be shipped, as our eggs are usually engaged for some time ahead. They are shipped as fast as they are laid and are usually not more than twenty-four old when they leave here.

1 setting, 13 eggs, \$1.25. 2 settings, 26 eggs, \$2.00. 50 eggs, \$3.50. 100 eggs, \$6.00.

The eggs and fowls are sent by express at the expense of the purchaser. They are packed in very light carriers so as to make the express charges as low as possible.

WHITE HOLLAND TURKEYS.

We have raised White Holland Turkeys for a number of years and like them better than any other breed we have had. The great advantage they possess over the Bronze Turkey is that they do not wander from home. The hens, instead of going off to the woods to make their nests, as the Bronze do, stay at home and lay their eggs where it is no trouble to find them. They lay twice as many eggs as any Bronze Turkeys we have ever had. They are very handsome birds, being snow white and they mature early and are as hardy as any breed of turkeys. Ours stay out all winter and roost in trees with no protection whatever.

We have a flock of very fine White Hollands this season that were bred from very carefully selected stock. They are large, vigorous and healthy and perfectly pure bred. We offer the best young birds, hatched in May or first of June, as follows:

GOBBLER, extra fine, large and vigorous, \$6.00. **GOBBLER**, good but not quite as large, \$5.00.
HENS, selected, \$4.00 each.

EGGS. We can furnish a few pure bred White Holland Turkey Eggs at \$3.50 per setting of 9 eggs, or \$4.50 for 12 eggs.



WHITE WYANDOTTE COCKEREL.

JOSEPH HARRIS CO.

Seed Growers

Moreton Farm,

Coldwater, N.Y.



BONNY BEST

A Magnificent New Early Tomato

See Page 4